UNITED STATES INTERNATIONAL TRADE COMMISSION
WASHINGTON, D.C.

Before The Honorable Thomas B. Pender
Administrative Law Judge

In the Matter of **CERTAIN ELECTRONIC DEVICES WITH COMMUNICATION CAPABILITIES, COMPONENTS THEREOF, AND RELATED SOFTWARE**	**Investigation No. 337-TA-808**

RESPONDENT'S NOTICE OF PRIOR ART

Pursuant to the procedural schedule outlined in Order No. 3, Respondent Apple Inc. ("Apple") hereby respectfully submits its Notice of Prior Art. Respondent may rely on the prior art set forth below as anticipatory of, or as rendering obvious, the asserted claims of U.S. Patent Nos. 6,473,006 ("the '006 Patent"), 6,708,214 ("the '214 Patent"), 6,868,283 ("the '283 Patent") 7,020,849 ("the '849 Patent"), 7,289,772 ("the '772 Patent"), 7,417,944 ("the '944 Patent), 7,672,219 ("the '219 Patent), and 7,765,414 ("the '414 Patent") (collectively, "the Asserted Patents"), and/or as showing the state of the art at the relevant time. Respondent also may rely upon the persons identified herein as the prior inventors or as persons having knowledge of or having previously used or offered for sale the alleged inventions of the Asserted Patents. Names and addresses of Complainant's employees, former employees, consultants and/or other persons affiliated with Complainant who may have knowledge of, or have previously used or offered for sale, the alleged inventions of the Asserted Patents are within Complainant's possession. In addition to the specific references, devices, and individuals listed below, Respondent may rely

upon prior art (1) referenced in the Asserted Patents, their prosecution histories, or patents cited in this Notice;.(2) identified or produced by Complainant in this investigation; (3) included on any parties' hearing exhibit lists; (4) contained within any patent prosecution history file that relates to the Asserted Patents, including prosecution histories of parent applications, child applications, and foreign counterpart applications or patents and their related applications; (5) identified, considered, or relied upon by any inventor of the Asserted Patents, whether or not cited in any prosecution history; (6) any prior art cited in any of the prior art identified herein, or in any related patent or patent application; or (7) cited in any expert report served during this Investigation. Respondent may also rely upon documents and information that are not, in and of themselves, prior art, and thus need not be identified herein, for example, as evidence of inherency in any of the prior art identified, or establishing the prior art as prior art (e.g., documents establishing the sales dates of prior art products).

Discovery and discovery from third parties in this Investigation is on-going, including expert reports that have yet to be exchanged. Respondent, therefore, reserves the right to amend and/or supplement this Notice of Prior Art. Respondent also reserves the right to identify additional prior art that may be rendered material based upon positions Complainant, its expert witnesses, or the Commission Staff may adopt in this Investigation. Additionally, Respondent reserves the right to identify additional prior art based up on documents produced by Complainant or any third parties in this Investigation. Respondent also reserves the right to amend this Notice should it be discovered that a reference cited during prosecution of an Asserted Patent (or a foreign counterpart or family member of an asserted patent) was omitted from the following list through inadvertence.

Each document, reference, publication, and patent listed in the tables below includes and incorporates all references cited therein, regardless of whether a cited reference appears separately in the following tables.

Respondent may assert defenses based on the "written description" requirement of 35 U.S.C. § 112, which if successful could potentially result in one or more of the Asserted Patents not being entitled to the claimed priority date. In the event one or more claims of the Asserted Patents is not entitled to the earliest claimed priority date, Respondent reserves the right to rely on intervening prior art including other related patents and published applications, intervening standards, as well as prior art not listed in the tables below.

A. Patents

Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
U.S.	5,924,044	7/13/99	Vannatta, et al.	414
U.S.	6,137,473	10/24/00	Cortopassi, et al.	414
U.S.	6,976,217	12/13/05	Vertaschltsch et al.	414
U.S.	6,661,848	12/9/03	Smith, et al.	414
U.S.	7,328,289	2//5/08	Wolrich, et al.	414
U.S.	7,596,384	9/29/09	Hayduk	414
U.S.	5,675,524	10/7/97	Bernard	414
U.S.	6,683,851	1/27/04	Willkie, et al.	414
U.S.	6,915,142	7/5/05	Wiefiledt	414
U.S.	7,085,591	8/8/02	Gancarcick, et al.	414
U.S.	7,502,817	5/1/03	Ryan	414
U.S.	6,976,180	12/4/03	Cupps et al.	414
U.S.	7,003,277	4/3/03	Toshida	414
U.S.	7,242,963	7/10/07	Karstein	414
U.S.	7,295,836	11/13/07	Yach	414
U.S.	6,865,400	4/3/03	Oh et al.	414
U.S.	5,497,339	3/5/96	Marc	414
U.S.	7,451,195	11/11/08	Seligmann	414
U.S.	5,797,089	8/18/98	Nguyen	414

Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
U.S.	6,538,880	3/25/03	Kamijo	414
U.S.	6,434,403	8/13/02	Ausems, et al.	414
U.S.	6,745,047	6/1/24	Karstens, et al.	414
U.S.	6,813,344	11/2/04	Lemke	414
U.S.	6,801,812	4/3/03	Lin ,et al.	414
U.S.	6,031,999	2/29/00	Ogawa	414
U.S.	5,606,594	2/25/97	Register, et al.	414
U.S.	6,134,391	10/17/00	Takahashi	414
U.S.	6,233,464	5/15/01	Chmaytelli	414
U.S.	6,034,621	3/7/00	Kaufman	414
U.S.	2002/0107042	8/8/02	Murnaghan, et al.	414
U.S.	2002/0023237	1/3/02	Grant, et al.	414
U.S.	2003/0233480	12/18/03	Peng, et al.	414
U.S.	2002/0058538	5/16/02	Gudgel, et al.	414
U.S.	2001/0044321	11/22/01	Ausems, et al.	414
U.S.	2002/0106997	8/8/02	Barber, et al	414
U.S.	2001/0019964	9/6/01	Shimizu	414
U.S.	2001/0037420	11/1/01	Sakamoto	414
EP	0926507	6/30/99	Cho, et al.	414
EP	0591973	4/13/94	Suzuki	414
EP	0792077	8/27/97	Soini, et al.	414
WO	01/61872	8/23/01	Chhtriwala, et al.	414
WO	97/09813	3/13/97	Nguyen	414
WO	01/39167	5/31/01	Lutnaes	414
WO	99/35557	7/15/99	Wecker	414
JP	2001-313690	11/9/01	Masao	414
JP	4176290	3/16/01	Suwa	414
EP	0892507	1/20/97	Adachi, et al.	414
US	5,701,068	12/23/97	Baer, et al.	414
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US	6,909,907	6/21/05	Oyang, et al.	414
US	2010/0090662	4/15/10	Okuto	414
US	5,115,182	5/19/92	Ehmke, et al.	414
US	5,303,395	4/12/94	Dayani	414
US	5,392,287	2/21/95	Tiedemann, Jr., et al.	414
US	5,457,814	10/10/95	Myrskog, et al.	414
US	5,497,507	3/5/96	Komaki	414
US	5,566,357	10/15/96	Holcman	414
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US	6,131,166	10/10/00	Wong-Insley	414
US	6,184,654	2/6/01	Bachner, III , et al.	414
US	6,201,977	3/13/01	Cathey, et al.	414
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US	6,289,228	9/11/01	Rotstein, et al.	414
US	6,314,308	11/6/01	Sheynblat, et al.	414
US	6,408,196	6/18/02	Sheynblat, et al.	414
US	6,445,937	9/3/02	daSilva	414
US	6,463,305	10/8/02	Crane	414
US	6,535,749	3/18/03	Iwata, et al.	414
US	6,615,405	9/2/03	Goldman, et al.	414
US	6,690,655	2/10/04	Miner, et al.	414
US	6,710,578	3/23/04	Sklovsky	414
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TW	469744	12/21/01	Tom	414
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Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
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TW	517479	1/11/03	Wu	414
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TW	535345	6/1/03	Chang	414
TW	547712	8/11/03	Chen, et al.	414
TW	484048	4/21/02	Tjandrasuwita	414
TW	475106	2/1/02	Wang	414
TW	396305	7/1/00	Poisner et al.	414
TW	372291	10/21/99	Dunnihoo	414
TW	227053	7/21/1994	White et al.	414
TW	387583	4/11/2000	Chen et al.	414
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EP	1164460	12/19/2001	HASHIMOTO, Shinichi	414
GB	2235797	3/13/1991	Smith et al.	414
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TW	239247	1/21/1995	Croft et al.	414
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US	6,571,308	5/27/2003	Reiss et al.	414
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US	20020127987	9/12/2002	Kent, Mark	414
US	7,054,626	9/21/1993	Rossmann	414
US	5,487,101	1/23/96	Fletcher	414
US	7,603,139	10/23/09	Tom	414
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US	5,983,073	11/9/99	Ditzik	414

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US	4,689,790	8/25/87	Lacroix, et al.	414
US	5,907,815	5/25/99	Grimm, et al.	414
US	4,689,740	8/25/87	Moelands, et al.	414
US	5,341,480	8/23/94	Wasserman, et al.	414
US	6,912,606	6/28/05	Fay	414
US	6,202,109	3/13/01	Salo, et al.	414
US	5,832,391	11/3/98	Komoda, et al.	414
US	2003/0139150	7/24/03	Rodriguez ,et al.	414
US	5,799,042	8/25/98	Xiao	414
US	5,946,343	8/31/99	Schotz, et al.	414
US	5,247,700	9/21/93	Wohl, et al.	414
US	5,749,052	5/5/98	Hidem, et al.	414
US	5,907,418	5/25/99	Walczak, et al.	414
US	7,085,710	8/1/06	Becker, et al.	414
US	2002/0065044	5/30/02	Ito	414
US	2002/0151275	10/17/02	Trost, et al.	414
US	2002/0159419	10/31/02	Morris	414
US	5,434,862	7/18/95	Lokhoff	414
US	6,088,601	7/11/00	Miyagi	414
US	2002/0198024	12/26/02	SSakurai	414
US	6,678,516	1/13/04	Nordman, et al.	414
US	7,024,225	4/4/06	Ito	414
US	7,546,099	6/9/09	Trost, et al.	414
US	2004/0204175	10/14/04	Karaoguz, et al.	414
GB	2370899	7/1/02	Mrsic-Flogel, et al.	414
GB	2154833	9/11/85	Christian Joseph Berthe Oscar Etienne Vandenbulcke Eric Hendrik Jozef Persoon	414
US	5,459,458	10/17/95	Richardson, et al.	414
US	5,929,774	10/12/99	Charlton	414
US	5,768,362	07/27/99	Moon	414
US	5,491,507	06/16/98	Urnezawa, et al.	414
US	5,371,779	02/13/96	Kobayashi	414
US	5,189,632	12/06/94	Paajanen, et al.	414
US	2003/0064747	4/3/03	Simmons, et al.	414
US	2002/0141442	10/3/03	Plain, et al.	414
US	3,950,654	4/13/76	Broedner, et al.	414
US	4,367,422	1/4/83	Leslie	414

Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
US	6,012,105	1/4/00	Rubbmark, et al.	414
US	6,052,565	4/18/00	Ishikura, et al.	414
US	2001/0034250	10/25/01	Chadha	414
US	5,701,515	12/23/9/7	Gradeler	414
US	5,134,648	7/28/92	Hochfield, et al.	414
US	5,657,371	8/12/97	Suomi, et al.	414
US	2004/0029581	2/12/04	Lu	414
US	5,797,088	8/18/98	Stamegna	414
US	5,625,673	4/29/97	Grewe, et al.	414, 006, 214
US	5,127,041	6/30/92	O'Sullivan	414
US	5,537,608	7/16/96	Beatty, et al.	414
JP	05-143575	6/11/93	Kanji, et al.	006
US	4,427,848	1/24/84	Tsakanikas	006
US	4,428,065	1/24/84	Duvall, et al.	006
US	4,644,339	2/17/87	Ruder	006
US	4,677,659	6/30/87	Dargan	006
US	4,737,980	4/12/88	Curtin, et al.	006
US	4,790,028	12/6/98	Ramage.	006
US	4,866,759	9/12/89	Riskin	006
US	5,031,206	7/9/91	Riskin	006
US	5,109,352	4/28/92	O'Dell	006
US	5,119,079	6/2/92	Hube, et al.	006
US	5,128,672	7/7/92	Kaehler	006
US	5,200,988	4/6/93	Riskin	006
US	5,201,034	4/6/93	Matsuura, et al.	006
US	5,311,175	5/10/94	Waldman	006
US	5,327,160	7/5/94	Asher	006
US	5,376,970	12/27/94	Amano	006
US	5,481,265	1/2/96	Russell	006
US	5,491,495	2/13/96	Ward, et al.	006
US	5,526,411	6/11/96	Krieter	006
US	5,555,363	9/10/96	Tou, et al.	006
US	5,561,710	10/1/96	Helms	006
US	5,574,482	11/12/96	Neimeier	006
US	5,625,375	4/29/97	Keen	006
US	5,652,851	7/29/97	Stone, et al.	006
US	5,657,371	8/12/97	Suomi	006
US	5,701,515	12/23/97	Gradeler	006
US	5,742,779	4/21/98	Steele, et al.	006
US	5,742,894	4/21/98	Jambhekar	006

Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
US	5,748,512	5/5/98	Vargas	006
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US	5,790,115	8/4/98	Pleyer, et al.	006
US	5,797,098	8/18/98	Schroeder, et al.	006
US	5,907,815	5/25/99	Grimm	006
US	5,936,671	8/10/99	Van Beek, et al.	006
US	5,959,260	9/28/99	Hoghooghi	006
US	5,997,887	11/2/99	Grimmett	006
US	6,005,549	12/21/99	Forest	006
US	6,009,444	12/28/99	Chen	006
US	6,047,196	4/4/00	Makela	006
US	6,052,565	4/18/00	Ishikura	006
US	6,062,887	5/16/00	Schuster	006
US	6,088,649	7/11/00	Kadaba, et al.	006
US	6,157,323	12/5/00	Tso, et al.	006
US	6,160,536	12/12/00	Forest	006
US	6,169,538	1/2/01	Nowlan, et al.	006
US	6,184,885	2/6/01	DeStefano	006
US	6,188,917	2/13/01	Laureanti	006
US	6,192,396	2/20/01	Kohler	006
US	6,211,856	4/3/01	Choi, et al.	006
US	6,259,491	7/10/01	Ekedahl	006
US	6,271,835	8/7/01	Hoeksma	006
US	6,284,407	9/4/01	Murray	006
US	6,304,855	10/16/01	Burke	006
US	6,310,609	10/30/01	Morgenthaler	006
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US	6,396,482	5/28/02	Griffin, et al.	006
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US	6,505,055	1/7/03	Kahn	006
US	6,570,596	5/27/03	Frederiksen	006
US	6,614,422	9/2/03	Rafii, et al.	006
US	6,625,472	9/23/03	Farazmandria	006
US	6,658,268	12/2/03	Bodnar	006
US	6,760,600	7/6/04	Nickum	006
US	6,801,190	10/5/04	Robinson, et al.	006
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EP	0283995	9/28/88	Slavin	006
EP	0476972 A2	3/25/92	Hube, et al.	006
EP	0476972 B1	5/27/98	Hube, et al.	006
EP	0609030	6/9/99	Mullet, et al.	006
EP	0651543 B1	9/27/08	Allard, et al.	006
EP	0651543 A2	5/3/95	Allard, et al.	006
JP	59-957336	4/2/84	Yoshio	006
JP	06-332617	5/25/94	Masaru	006
JP	07-320079	12/8/95	Tetsuo	006
JP	07-320051	12/8/95	Tetsuo, et al.	006
JP	06-274586	9/30/94	Susumu, et al.	006
JP	08-227341	9/3/96	Noriyuki, et al.	006
JP	08-185265	7/16/96	Akio, et al.	006
JP	05-165459	7/2/93	Haruji	006
JP	02-153415	6/13/90	Takeshi	006
JP	03-113578	5/14/91	Kazuo	006
JP	57-041731	3/9/92	Shinichi, et al.	006
US	2002/0069220	6/6/02	Tran	006
US	4,332,464	6/1/82	Bartulis, et al.	006
US	4,680,429	7/14/87	Murdock, et al.	006
US	4,698,625	10/6/87	McCaskill, et al.	006
US	4,698,625	10/6/87	McCaskill, et al.	006
US	4,755,811	7/5/88	Slavin	006
US	4,755,811	7/5/88	Slavin, et al.	006
US	4,790,028	12/6/88	Ramage	006
US	4,790,028	12/6/88	Ramage	006
US	5,016,002	5/14/91	Levanto	006
US	5,027,110	6/25/91	Chang, et al.	006
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US	5,053,578	10/1/91	Cornett, et al.	006
US	5,053,758	10/1/91	Cornett, et al.	006
US	5,079,723	1/7/92	Herceg, et al.	006
US	5,119,079	1/2/92	Hube, et al.	006
US	5,201,034	4/6/93	Matsuura, et al.	006
US	5,260,697	11/9/93	Barrett, et al.	006
US	5,266,931	11/30/93	Tanaka	006
US	5,266,931	11/30/93	Tanaka	006

Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
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US	5,335,276	8/2/94	Thompson, et al.	006
US	5,341,293	8/23/94	Vertelney, et al.	006
US	5,341,466	8/23/94	Perlin, et al.	006
US	5,408,060	4/18/95	Murrinen	006
US	5,422,656	6/6/95	Allard, et al.	006
US	5,459,488	10/17/95	Geiser	006
US	5,463,725	10/31/95	Henckel, et al.	006
US	5,465,401	11/7/95	Thompson	006
US	5,543,588	8/6/96	Bisset, et al.	006
US	5,543,897	8/6/96	Altrieth III	006
US	5,565,888	10/15/96	Selker	006
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Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
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Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
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Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
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Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
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Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
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Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
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Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
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Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
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Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
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Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
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Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
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Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
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Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
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Country	Number	Issue / Publication Date	First Named Inventor	Patent(s)
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In addition to the materials listed above, Apple may rely on patents produced pursuant to outstanding third-party subpoenas issued in this investigation, including the following:

- Patents produced by HTC in this investigation;
- Patents produced by ADC Telecommunications, Inc. pursuant to subpoena dated November 1, 2011;
- Patents produced by Ericsson, Inc. dated November 1, 2011;
- Patents produced by International Business Machines Corporation pursuant to subpoena dated November 1, 2011;
- Patents produced by Kyocera Communications, Inc. pursuant to subpoena dated November 1, 2011;
- Patents produced by Nokia, Inc. pursuant to subpoena dated November 1, 2011;
- Patents produced by Qualcomm Incorporated pursuant to subpoena dated November 1, 2011;
- Patents produced by Sony Electronics, Inc. pursuant to subpoena dated November 1, 2011;
- Patents produced by ACCESS Systems Americas, Inc. pursuant to subpoena dated November 15, 2011;
- Patents produced by Openwave Systems Inc. pursuant to subpoena dated November 15, 2011;

- Patents produced by Philips Electronics North America Corporation pursuant to subpoena dated November 15, 2011;
- Patents produced by L-3 Communications Nova Engineering, Inc. pursuant to subpoena dated November 15, 2011;
- Patents produced by Texas Instruments Incorporated pursuant to subpoena dated November 21, 2011;
- Patents produced by Motorola Mobility, Inc. pursuant to subpoena dated November 21, 2011
- Patents produced by Michael J. Geile, pursuant to subpoena dated November 23, 2011;
- Patents produced by Harold Roberts, pursuant to subpoena dated January 11, 2012.
- Patents produced by Fogg & Powers, pursuant to subpoena dated January 11, 2012.
- Patents produced by Sony Ericsson Mobile Communications (USA), Inc. pursuant to subpoena dated November 23, 2011;
- Patents produced by Mitsubishi Electric & Electronics USA, Inc. pursuant to subpoena applied for/dated on January 17, 2012;
- Patents produced by Mitsubishi Electric Visual Solutions America, Inc. pursuant to subpoena applied for/dated on January 17, 2012;
- Patents produced by JVC Americas Corp., Inc. pursuant to subpoena applied for/dated on January 17, 2012;
- Patents produced by Eastman Kodak Corporation pursuant to subpoena applied for/dated on January 17, 2012;
- Patents produced by Panasonic Corporation of North America pursuant to subpoena applied for/dated on January 17, 2012;
- Patents produced by Toshiba America, Inc. pursuant to subpoena applied for/dated on January 17, 2012;
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- Patent produced by RealNetworks, Inc. pursuant to subpoena applied for/dated on January 17, 2012;
- Patents produced by Artech House pursuant to subpoena applied for/dated on January 18, 2012;
- Patents produced by O'Reilly Media, Inc. pursuant to subpoena applied for/dated on January 18, 2012;
- Patents produced by SEGA of America, Inc. pursuant to subpoena applied for/dated on January 18, 2012;
- Patents produced by WMS Gaming Inc. pursuant to subpoena applied for/dated on January 18, 2012;
- Patents produced by Hitachi America, Ltd. pursuant to subpoena applied for/dated on January 18, 2012;
- Patents produced by Tivo Inc. pursuant to subpoena applied for/dated on January 18, 2012;
- Patents produced by Hewlett-Packard Company pursuant to subpoena applied for/dated on January 18, 2012;
- Patents produced by NEC Corporation of America pursuant to subpoena applied for/dated on January 18, 2012.

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Full Product Teardown Report on the Nokia 9210 Communicator PDA GSM Cellular Phone (http://www.ubmtechinsights.com/reports-and-subscriptions/open-market-reports/Report-Profile/?ReportKey=5743)	10/2001	UBM TechInsights	All	414, 849, 214
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Title	Date	Authors	Page Numbers	Patent(s)
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Windows CE 3.0 Application Programming, Publisher: Prentice Hall PTR, 2001 pp.179-184.	2001	Grattan et al.	All	283, 772
Applying Mixed-Initiative Interaction in User Interfaces for Communicators, 1999	1999	Singh et al.	All	283, 772
E-Commerce Over Communicators: Challenges and Solutions for User Interfaces, E-Commerce 1999, beginning at p. 177.	1999	Singh et al.	All	283, 772
Wireless Devices End to End, Publisher: Hungry Minds, Inc., 2002, pp. 103-104.	2002	Steward et al.	All	283, 772
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Motorola Timeport Personal Interactive Communicator User's Guide	2000	N/A	All	283, 772
Motorola Talkabout Personal Interactive Communicator User's Guide, Model T900, 2000	2000	N/A	All	283, 772
Motorola Timeport P935: A powerful, flexible communications package and PIM device, SkyTel Skywriter, 2001	2001	N/A	All	283, 772
Sharp Zaurus Model AR-5000 Operation Manual, Sharp Electronics Corporation	Unknown	N/A	All	283, 772
Motorola PageWriter 2000 User's Manual, 1997	1997	N/A	All	283, 772

In addition to the materials listed above, Apple may rely on prior art publications produced pursuant to outstanding third-party subpoenas issued in this investigation, including the following:

- Publications produced by HTC in this investigation;
- Publications produced by ADC Telecommunications, Inc. pursuant to subpoena dated November 1, 2011;
- Publications produced by Ericsson, Inc. dated November 1, 2011;
- Publications produced by International Business Machines Corporation pursuant to subpoena dated November 1, 2011;
- Publications produced by Kyocera Communications, Inc. pursuant to subpoena dated November 1, 2011;
- Publications produced by Nokia, Inc. pursuant to subpoena dated November 1, 2011;

- Publications produced by Qualcomm Incorporated pursuant to subpoena dated November 1, 2011;
- Publications produced by Sony Electronics, Inc. pursuant to subpoena dated November 1, 2011;
- Publications produced by ACCESS Systems Americas, Inc. pursuant to subpoena dated November 15, 2011;
- Publications produced by Openwave Systems Inc. pursuant to subpoena dated November 15, 2011;
- Publications produced by Philips Electronics North America Corporation pursuant to subpoena dated November 15, 2011;
- Publications produced by L-3 Communications Nova Engineering, Inc. pursuant to subpoena dated November 15, 2011;
- Publications produced by Texas Instruments Incorporated pursuant to subpoena dated November 21, 2011;
- Publications produced by Motorola Mobility, Inc. pursuant to subpoena dated November 21, 2011;
- Publications produced by Michael J. Geile, pursuant to subpoena dated November 23, 2011;
- Publications produced by Harold Roberts, pursuant to subpoena dated January 11, 2012.
- Publications produced by Fogg & Powers, pursuant to subpoena dated January 11, 2012
- Publications produced by Sony Ericsson Mobile Communications (USA), Inc. pursuant to subpoena dated November 23, 2011;
- Publications produced by Mitsubishi Electric & Electronics USA, Inc. pursuant to subpoena applied for/dated on January 17, 2012;
- Publications produced by Mitsubishi Electric Visual Solutions America, Inc. pursuant to subpoena applied for/dated on January 17, 2012;
- Publications produced by JVC Americas Corp., Inc. pursuant to subpoena applied for/dated on January 17, 2012;

- Publications produced by Eastman Kodak Corporation pursuant to subpoena applied for/dated on January 17, 2012;
- Publications produced by Panasonic Corporation of North America pursuant to subpoena applied for/dated on January 17, 2012;
- Publications produced by Toshiba America, Inc. pursuant to subpoena applied for/dated on January 17, 2012;
- Publications produced by Nintendo of America Inc. pursuant to subpoena applied for/dated on January 17, 2012;
- Publications produced by Canon U.S.A, Inc. pursuant to subpoena applied for/dated on January 17, 2012;
- Publications produced by Sharp Electronics Corporation pursuant to subpoena applied for/dated on January 17, 2012;
- Publications produced by CyberLink Corp. pursuant to subpoena applied for/dated on January 17, 2012;
- Publications produced by RealNetworks, Inc. pursuant to subpoena applied for/dated on January 17, 2012;
- Publications produced by Artech House pursuant to subpoena applied for/dated on January 18, 2012;
- Publications produced by O'Reilly Media, Inc. pursuant to subpoena applied for/dated on January 18, 2012;
- Publications produced by SEGA of America, Inc. pursuant to subpoena applied for/dated on January 18, 2012;
- Publications produced by WMS Gaming Inc. pursuant to subpoena applied for/dated on January 18, 2012;
- Publications produced by Hitachi America, Ltd. pursuant to subpoena applied for/dated on January 18, 2012;
- Publications produced by Tivo Inc. pursuant to subpoena applied for/dated on January 18, 2012;
- Publications produced by Hewlett-Packard Company pursuant to subpoena applied for/dated on January 18, 2012;

- Publication produced by NEC Corporation of America pursuant to subpoena applied for/dated on January 18, 2012.

C. Prior Art Devices

System	Patent(s)
Apple Newton OS, including versions 1.0, 1.1, 1.2, 1.3, 2.0, and 2.1, operating on a compatible Newton OS device (e.g., an Apple MessagePad device), including hardware and related software, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing the operating system includes but is not limited to:* • Apple Message Pad Handbook by Newton (1995) • "The Apple Newton: A Reporter's Tool?" (Seybold Report on Internet Publishing, Volume 2, Issue 6) • "Newton Important Late-Breaking Information" (1995) • "Newton Solutions Guide Software, Peripherals and Accessories for Newton PDAs" (1996) • "Newton Solutions Guide Software, Peripherals and Accessories for Newton PDAs (Organize Integrate Communicate)" (1996)	214, 849, 006, 283, 772, 414
Intel's StrongArm SA-1110, **including the SA-1111 companion processor and respective Development Boards**, as marketed and sold by Intel, including as used in wireless systems, such as, for example, the HTC Wallaby, and further including design files, engineering drawings, hardware, and related software, and as otherwise in prior use, known, sold, or offered for sale at least prior to Apr., 2002. *Information describing the system includes but is not limited to:* • "Intel StrongArm SA-1110 Development Board Schematics," May 2000 • "Intel StrongArm SA-1110 Microprocessor Development Board User's Guide," June, 2000 • "Intel StrongArm SA-1110 Microprocessor Developer's Manual," June, 2000 • "Data Sheet UCB 1100 Advanced modem/audio analog front-end," Philips, May 08, 1998 • "Data Sheet UCB 1200 Advanced modem/audio analog front-end," Philips, July 22, 1998 • "UDA1341TS Economy audio CODEC for MiniDisc (MD) home stereo and portable applications," Philips Semiconductors, May 16, 2002.	414
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System	Patent(s)
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Ericsson R380/R380s, including design files, engineering drawings, hardware, and related software, and as otherwise in prior use, known, sold, or offered for sale at least prior to Apr., 2002. *Information describing the system includes but is not limited to:* • Steve Bridges ,"The R380s – The first smartphone from the Ericsson	414, 214, 849, 283, 772

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– Symbian partnership" Ericsson Review No. 1, 2001 • Full Product Teardown Report on the Ericsson R380 SmartPhone (Report #118-010514-1e, http://www.teardown.com/allreports/Ericsson_R380_SmartPhone_Teardown_Analysis) • Sony Ericsson R380 User's Manual, Third Edition, Sony Ericsson Mobile Communications AB, December 2001	
Bluetooth Module, as used in PDAs and/or wireless systems, including the BlueMoon™ developed by Infineon Technologies AG, Blueberry™ developed by Philips Semiconductors, BlueCore™ developed by Cambridge Silicon Radio, and Ericsson Bluetooth modules such as the ROK 101 008 Bluetooth Module**,** as supported by design files, engineering drawings, hardware, and related software, and as otherwise in prior use, known, sold, or offered for sale at least prior to Apr., 2002. *Information describing the system includes but is not limited to:* • "ROK 101 008 Bluetooth Module," Ericsson Microelectronics Doc. No. 146106R1A, September 2001 • "Specification of the Bluetooth System, Core v1.0B," December 1, 1999 • "Specification of the Bluetooth System, Profiles v1.0B," December 1, 1999 • "Bluetooth: Vision, Goals, and Architecture," Jaap Haartsen, Mahmoud Naghshineh, Jon Inouye, Olaf J. Joeressen, and Warren Allen, Mobile Computing and Communications Review, Volume1, Number 2, 1-8, October 1998 • "IP services over Bluetooth: leading the way to a new mobility," Local Computer Networks, 1999. LCN'99, August 06,2002 • "The Right Tool For The Job, BlueMoon™ – three Solutions for Bluetooth™ Applications, published by Infineon Technologies AG, 2001 • "Product Brief, BlueMoon™ Single PMB8760," Infineon Technologies AG, 2001 • "PCF87752 Blueberry™ DATA, 2nd generation Bluetooth™ baseband controller optimized for hosted applications," Philips Semiconductors, June 2002 • "CSR Product Data Sheet, BlueCore™ 01b Single Chip Bluetooth Device – Product Data Sheet forBC01b-USB (USB and UART version) (BGA Packaging)BC01b-URT (UART only version)(BGA Packaging)BC01bv-USB(USB and UART version)(VFBGA Packaging)BC01bv-URT(UART only version)(VFBGA Packaging)" Cambridge Silicon Radio, July 2001 • "CSR Product Data Sheet, BlueCore™ 2-External, Single Chip	414

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VisorPhone by Handspring, including design files, engineering drawings, hardware, and related software, and as otherwise in prior use, known, sold, or offered for sale at least prior to Apr., 2002. *Information describing the system includes but is not limited to:* • VisorPhone™ Module User Guide, Handspring, Inc. 2000-2001 • Rick Broida, Dave Johnson, "How to Do Everything with Your Visor," Published by McGraw-Hill/OsborneMedia, ISBN-10: 0072126965, ISBN-13: 978-0072126969, September 8, 2000 • "Texas Instruments' Open Multimedia Applications Platform (OMAP) to Deliver 3G Wireless Connectivity to the Handspring Visor," Texas Instruments Inc., September, 27, 2000. • "Fact Sheet & User Opinions, VisorPhone by Handspring" http://www.visorcentral.com/content/Products/factsheet-72-27-.htm • "VisorPhone: Talk to the Handspring, From Handspring Visor: Visual QuickStart Guide" http://ptgmedia.pearsoncmg.com/images/0201745798/excerpts/visorphone.html • Hawkins et al., U.S. Patent No. 6,516,202 (2/4/2003)	414
Handspring Treo products including but not limited to the Treo model nos. 180, 180g, 270, 300 further including design files, engineering drawings, hardware, and related software, and as otherwise in prior use, known, sold, or offered for sale at least prior to Apr, 2002. *Information describing the system includes but is not limited to::* • Full Product Teardown Report on the Handspring Treo 180 PDA Communicator (http://www.ubmtechinsights.com/reports-and-subscriptions/open-market-reports/Report-Profile/?ReportKey=5629) • Handspring, "Treo 180 Communicator User Guide (Windows Edition)," 2001	414

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• Handspring, "Treo 270 Communicator, User Guide (Windows Edition)," 2002 • Sprint "Online User's Guide PCS Phone Handspring® Treo 300 User Guide," 2002 • Motorola, "MC68VZ328 (DragonBall™ VZ) Integrated Portable System Processor Product Brief," Rev. 1, October 2001 • Motorola, "MC68VZ328 Integrated Processor User's Manual," Rev. 0, February 2000 • Wavecom, "WISMO Pac P3100 series Product Specifications," March 14, 2002	
Apple MessagePad products, including the Original MessagePad (OMP), MessagePad 100, MessagePad 110, MessagePad 120, MessagePad 130, MessagePad 2000, MessagePad 2100, and eMate 300, including hardware and related software, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Apple Message Pad Handbook by Newton (1995) • "The Apple Newton: A Reporter's Tool?" (Seybold Report on Internet Publishing, Volume 2, Issue 6) • "Newton Solutions Guide Software, Peripherals and Accessories for Newton PDAs" (1996) • "Newton Solutions Guide Software, Peripherals and Accessories for Newton PDAs (Organize Integrate Communicate)" (1996) • "Newton Important Late-Breaking Information" (1995)	214, 849, 006, 283, 772, 414
Apple Mac OS X operating system versions 10.0 and 10.1, operating on a compatible computer device, including hardware and related software, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002.	849, 283, 772
Apple HyperCard 2.0, 3.0 operating on a compatible computer device, including hardware and related software, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002.	849, 283, 772
Quicktime software, operating on a compatible computer device, including but not limited to versions 1.x, 2.x, 3.x, and 5.x, including hardware and related software, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002.	849
NetHopper World Wide Web Browser software, including at least versions 1.0, 2.0, 3.0, and 3.0.1, with a compatible device (e.g., Apple MessagePad, eMate 300, Digital Ocean Seahorse device) or compatible Windows CE device, including hardware and related software, and as otherwise in prior	214

System	Patent(s)
use, known, sold, or offered for sale at least prior to April 21, 2000. *Information describing these products includes but is not limited to:* • Marketing materials for NetHopper • Pen Computing Issue #11 (July/August 1996) • Nethopper 3.0 User Manual • Pioneer Press – "Modem humming - is Newton next must-have Net tool?" (August 12, 1996) • Time – "surfing the net, alfresco" (November 13, 1995) • Nethopper Brochure - The World Wide Web Browserfor Newton PDAs • Webweek – "Whole World in Your Hand; Web-ready PDAs on rise" (April 1996) • PC Laptop – "Put the Web in your Pocket" (March 1996) • Mobile Office – "Spinning the Web" (April 1995) • PC Week – "The Web comes to Newton OS" (December 4 1995) • Portable Computing – "Web for Newtons" (July 1997) • Byte – "The Newton goes Vertical" (January 1995) • MacWeek Vol.9 No. 1 – "Year of the Clone?" (January 2 1995) • "Newton Important Late-Breaking Information" (1995) • "Newton Solutions Guide Software, Peripherals and Accessories for Newton PDAs" (1996) • "Newton Solutions Guide Software, Peripherals and Accessories for Newton PDAs (Organize Integrate Communicate)" (1996) • "The Apple Newton: A Reporter's Tool?" (Seybold Report on Internet Publishing Vol. 2 Issue 6) (02/01/1998) • "Apple's MessagePad 2100." (Business Times (Canada)) (12/01/1997) • "Apple Boosts DRAM Memory Fourfold in MessagePad 2100." (Computerworld (Hong Kong)) (11/06/1997) • "Apple Releases MessagePad 2100 Handheld PCs." (InfoWorld Vol. 19 Issue 43) (10/27/1997) • "Apple to Ship Message Pad 2100." (Newsbytes PM) (10/20/1997) • "Driven to Distraction on the Information Superhighway" (Scotsman) (08/13/1997) • "Small Wonder." (MacUser Vol. 13 Issue 8) (08/01/1997) • "eMate 300." (Macworld Vol. 14 Issue 8) (08/01/1997) • "MessagePad 2000." (Macworld Vol. 14 Issue 7) (07/01/1997) • "Coat-Pocket Computing." (Computer Shopper Vol. 17 Issue 6) (06/01/1997) • "The Newton Weighs In." (MacUser Vol. 13 Issue 6) (06/01/1997) • "MessagePad Is Winning Rave Reviews" (Contra Costa Times)	

System	Patent(s)
(05/11/1997) • "Personal Technology Mac News & Notes Hand-Held Messagepad Winning Rave Reviews." (Atlanta Journal and Constitution) (05/04/1997) • "Surfing Tiny - are Info-Gadgets Net Smart Yet?" (Macworld, Vol. 14 Issue 5) (05/01/1997) • "AllPen Software Brings the Web to Handheld Devices." (InfoWorld Vol. 19 Issue 15) (04/14/1997) • "Vigers Uses Newton Tool to Win Contracts." (South China Morning Post) (04/08/1997) • "New Ways to be Wired." (Computer Shopper Vol. 16 Issue 3) (03/01/1997) • "Apple Sets Shipping Date For eMate School Computer." (Newsbytes PM) (02/18/1997) • "Groupware: The Next Wave -- Lotus Domino is a Capable Development System for Intranet Team Apps, while Microsoft Exchange Excels at Messaging." (TechwebNews) (02/03/1997) • "The 162-MHz Newton: the MessagePad 2000 Blows the Doors Off its Predecessors." (MacUser Vol. 13 Issue 1) (01/01/1997) • "Apple's Newton Branches Out." (Macworld, Vol. 14 Issue 1) (01/01/1997) • "NetHopper Puts the Web in the Palm of your Hand." (Computer Shopper, Vol. 16 Issue 12) (12/01/1996) • "A Pocketful of PDAs." (Home Office Computing, Vol. 14 Issue 12) (12/01/1996) • "Net-Savvy Newton: The Long-Awaited Newton Internet Enabler is Finally Released." (MacUser Vol. 12 Issue 10) (10/01/1996) • "Apple, HP PDAs will Surf Web." (InfoWorld Vol. 18 Issue 37) (09/09/1996) • "Modem Humming-Is Newton Next Must-Have Net Tool?" (St. Paul Pioneer Press) (08/12/1996) • "Essence of Expo Emerges in Newton Technology." (MacWEEK Vol. 10 Issue 30) (08/05/1996) • "What Was All the Fuss About?" (MacUser Vol. 12 Issue 8) (08/01/1996) • "Web Browsing by Hand" (Los Angeles Times) (07/29/1996) • "Apple Newton goes Cyber with NetHopper" (NZ Infotech Weekly) (07/29/1996) • "The PDA Comeback?" (Macworld, Vol. 13 Issue 7) (07/01/1996) • "Newton On The Net -- Connectivity tools give Apple's PDA a boost." (TechwebNews) (07/01/1996) • "Newton Shines at PC Expo." (MacWEEK Vol. 10 Issue 25)	

System	Patent(s)
(06/24/1996) • "It's Nethopper's Day." (New York Daily News) (06/19/1996) • "Apple Pins Hopes on Internet Advantages." (LAN Times Vol. 13 Issue 11) (05/27/1996) • "Newton's Still Important Arrow in Apple's Quiver." (MacWEEK Vol. 10 Issue 19) (05/13/1996) • "Web In Your Pocket" (TechwebNews) (05/06/1996) • "Mobile and Wireless Devices Help Educators & Students on the Move." (T H E Journal (Technological Horizons In Education) Vol. 23 Issue 10) (05/01/1996) • "Internet World offers Wealth of Products." (InfoWorld Vol. 18 Issue 18) (04/29/1996) • "Zap! Pow! On The Net." (South Florida Sun-Sentinel) (04/14/1996) • "Apple Has Eye Amid The Storm -- Giants debate Net PC; VAR has Newton." (Computer Reseller News) (03/25/1996) • "Mobile Industry Eyes Web" (Electronic Engineering Times) (03/25/1996) • "Web Tools: Join Those Making the Internet Work for their Agency's Mission." (Government Computer News Vol. 15 Issue 5) (03/04/1996) • "New Mac Tools, including a Roaster for Java." (Software Magazine Vol. 16 Issue 3) (03/01/1996) • "When E-mail Litters Your Info Highway" (Chicago Sun Times) (01/28/1996) • "No Big Surprises at Macworld." (Computerworld Vol. 30 Issue 2) (01/08/1996) • "Newton, Round 2." (MacWEEK Vol. 10 Issue 1) (01/08/1996) • "Mac Charges The Net -- Internet Product Introductions Expected at Macworld Expo." (TechwebNews) (01/08/1996) • "Newton Developers to Deliver -- Comdex Kicks off New Wares from Apple, AllPen, Wright Strategies, Team Coor-dination." (Computer Reseller News) (11/13/1995) • "Comdex Watch" (Computer Reseller News) (11/06/1995)	
Digital Ocean Seahorse product, including design files, engineering drawings, hardware and related software, and as otherwise in prior use, known, sold, or offered for sale at least prior to April 21, 2000. *Information describing these products includes but is not limited to:* • Marketing materials for Digital Ocean Tarpon and Seahorse PDAs • "Digital Ocean has agreement with NovAtel Wireless to merge NWI's NRM-6812 modem into its Seahorse handheld computer." (RCR Radio Communications Report, Vol. 15 No. 48) (Dec. 2, 1996)	214, 006, 414, 283, 772

System	Patent(s)
• "Digital Ocean has introduced the Seahorse, a PDA that runs on the Newton 2.0 operating system." (Computer Retail Week, Vol. 6 No. 126) (Feb. 5, 1996) • "In Short: Son Of Newton - Digital Ocean releases personal digital assistant based on Newton 2.0" (Information Week, No. 561) (Jan. 8, 1996) • "Macworld To Focus On Riding Net Wave, Copland - DeltaPoint to release WebVision Animator multimedia authoring tool for animating Web pages and other multimedia presentations." (Computer Reseller News, No. 664) (Jan. 1, 1996) • "Cerulean Wins End-User `Appy'" (Wireless Data News) (Oct. 16, 1996) • "In Brief." (Wireless Data News) (Jan. 10, 1996) • "Whole world in your hand?" (InfoWorld, Vol. 19 No. 12) (Mar. 24, 1997) • "Communicating with Newton." (Macworld, Vol. 13 No. 4) (Apr. 1996) • "Digital cellular makes mark at trade shows" (Network World Vol. 13 No. 3) (Jan. 15, 1996) • "MacWorld to focus on riding Net wave, Copland" (Computer Reseller News, No. 664) (Jan. 1, 1996) • "No big surprises at Macworld" (Computerworld Vol. 30 No. 2) (Jan. 8, 1996) • "AllPen Software Demonstrates Embedded Mobile Web Server Technology for Consumer Electronic Devices." (Business Wire) (Jan. 7, 1997) • "Attention Business Editors:" (PR Newswire) (Nov. 20, 1996) • "Product Briefs" (Computer Reseller News, No. 697) (Aug. 19, 1996) • "In The Palm Of Your Hand" (Information Week) (Jul. 22, 1996) • "Digital Ocean Selects PCSI's CDPD Solution For Its Seahorse Handheld Computer." (Business Wire) (Mar. 25, 1996) • "Son of Newton" (Information Week) (Jan. 8, 1996) • "Palm of your hand." (Information Week, No. 589) (Jul. 22, 1996) • "Digital cellular makes mark at trade shows." (Network World Vol. 13 No. 3) (Jan. 15, 1996) • "No big surprises at Macworld" (Computerworld Vol. 30 No. 2) (Jan. 8, 1996) • "MacWorld to focus on riding Net wave, Copland" (Computer Reseller News, No. 664) (Jan. 1, 1996) • "The S.F. Gadgetfest Few To See New Mac At Macworld" (San Francisco Chronicle) (Jan. 7, 1997) • "Product Briefs" (Computer Reseller News, No. 697) (Aug. 19, 1996)	

System	Patent(s)
• "PDAs - In The Palm Of Your Hand - Businesses find that personal digital assistants have become much more than pricey toys" (Information Week, No. 589) (Jul. 22, 1996) • "Surge Surgery" (Computer Retail Week, No. 626) (Feb. 5, 1996) • "Son of Newton" (Information Week, No. 561) (Jan. 8, 1996) • "Apple's Plan: Pippin information appliance - Macworld To Focus On Riding Net Wave, Copland" (Computer Reseller News, No. 664) (Jan. 1, 1996) • "Alt.cw" (Computerworld) (Aug. 19, 1996) • "No big surprises at Macworld" (Computerworld) (Jan. 8, 1996) • "WMR'S Tour Of Wireless Companies On The World Wide Web" (Wireless Messaging Report, Vol. 4 No. 10) (May 21,1996) • "Digital Ocean Selects NovAtel Wireless' CDPD Modem for Integration Into Seahorse Handheld Computer" (PR Newswire) (Nov. 20, 1996) • "Digital Ocean Wins First Place Appy Award for Best New Hardware Company, Announces Continued Support of Newton Platform" (PR Newswire) (Oct. 28, 1996) • "Digital cellular makes mark at trade shows." (Network World Vol. 13 No. 3) (Jan. 15, 1996) • "The S.F. Gadgetfest Few To See New Mac At Macworld" (San Francisco Chronicle) (Jan. 7, 1997) • "Local product will make debut WideBand Corp. of Independence will introduce its Gigabit LAN System." (Kansas City Star) (Nov. 16, 1996) • "The S.F. Gadgetfest Few To See New Mac At Macworld" (San Francisco Chronicle) (Jan. 7, 1997) • "Local product will make debut WideBand Corp. of Independence will introduce its Gigabit LAN System." (Kansas City Star) (Nov. 16, 1996) • "No big surprises at Macworld" (Computerworld , Vol. 30 No. 2) (Jan. 8, 1996) • "Apple's Plan: Pippin information appliance - Macworld To Focus On Riding Net Wave, Copland" (Computer Reseller News) (Jan. 1, 1996) • Seahorse Specification Sheet (Nov. 21, 2011) • Digital Ocean Seahorse Distinguishing Characteristics (Nov. 21, 2011) • Digital Ocean Seahorse Distinguishing Characteristics (Nov. 21, 2011) • "Digital cellular makes mark at trade shows," Joanle Wexler (Jan. 15, 1996)	

System	Patent(s)
• Press Release, "First Annual 'Appy" Award Prizes for Best Wireless Applications" (July 10, 1996) • Press Release, "CTIA Presents the First Annual APPY Awards for Best Wireless Applications" (October 8, 1996)	
Digital Ocean Tarpon product, including design files, engineering drawings, hardware and related software, and as otherwise in prior use, known, sold, or offered for sale at least prior to April 21, 2000. *Information describing these products includes but is not limited to:* • Marketing materials for Digital Ocean Tarpon and Seahorse PDAs • Tarpon Spec Sheet (avail. at https://www.msu.edu/~luckie/tarpon.html)	214, 006, 414, 283, 772
ETE communicator product, including design files, engineering drawings, hardware and related software, and as otherwise in prior use, known, sold, or offered for sale at least prior to April 21, 2002. *Information describing these products includes but is not limited to:* • "ETE Wireless For Newton" (1994)	214, 006, 414, 283, 772
ProxiWeb web browser software, including at least version 3.0, 3.5, 3.02a, with a compatible PDA device (e.g., a Palm Pilot device, a Qualcomm pdQ800 device, or a Qualcomm pdQ1900 device), and as otherwise in prior use, known, sold, or offered for sale at least prior to April 21, 2000. *Information describing these products includes but is not limited to:* • "PalmPilot: The Ultimate Guide," by Pogue (1999) • "PalmPilot: The Ultimate Guide," by Pogue (1998) • "PUMA TO ACQUIRE PROXINET (Proxi-Net will be purchased by Puma Technology for an undisclosed amount; this purchase allows Puma access to ProxiWare Server and ProxiWeb microbrowser)," (8/30/99) • "ProxiNet has big plans to bring the Internet to small handhelds (Computer Reseller News)," by Hagendorf (5/3/99) • "PRODUCTS (RCR Radio Communications Report)," (9/28/98) • "Hello, Half a Billion of Us Want the Net via Phone (Internet World, Vol. 5, No. 33)," by Hayden (11/15/99) • "Internet by Proxy (Compuworld, Vol. 33, No. 35)," by Johnson (8/30/99) • "ProxiNet has big plans to bring the Internet to small handhelds (Computer Reseller News, No. 840)," by Hagendorf (5/3/99) • "Northwest Airlines Web Site and E-Service Centers Fly Ahead of the Competition; Enhancements to Site Gain Notice (PR Newswire)," (12/9/99)	214

System	Patent(s)
• "Puma Technology Announces Acquisition of ProxiNet (Business Wire)," (8/24/99) • "Portable Feast. (downloadable software for 3Com's PalmPilot and Microsoft Windows CE-based handheld computers)(Software Review)(Evaluation) (PC Computing)," by White (7/99) • "Graphical Online Browser Customized to Deliver Web to Win CE Palmtop Users (Software Industry Report, Vol. 30, No. 19)," by Millin (10/5/98) • "As the Web expands, will content follow? (The Seybold Report on Internet Publishing, Vol. 3, No. 1)," by McKenzie (9/98) • "Northwest Airlines: Northwest Airlines Websites and E-service centers fly ahead of the competition (M2 Presswire)," (12/10/99) • "Palm packs a Net into your back pocket Pint-size pilot provides inflight entertainment to beat economic blues (South China Morning Post)," by Taylor (4/15/99) • "ProxiNet, Inc. Unveils ProxiWare Technology at the Premiere "DemoMobile '99 Show (Business Wire)," (4/12/99) • "Phat think client (Wired, Vol. 6, No. 9)," by Cook (9/98) • "Palm Tricks (PC Computing)," by Johnson (4/00) • "Smaller view is coming for the expanding web (New York Times, Vol. 148, Thursday Ed., Col. 2)," by Richtel (10/1/98) • "As the Web expands, will content follow? (Seybold Report on Internet Publishing, Vol. 3, No. 1)," by McKenzie (9/98) • "Portable feast (PC Computing, Vol. 12, No. 7)," by White (7/99)	
Top Gun Wingman web browser software, including at least version 5.0a4, with a compatible PDA device (e.g., a Palm Pilot device, a Qualcomm pdQ800 device, or a Qualcomm pdQ1900 device), and as otherwise in prior use, known, sold, or offered for sale at least prior to April 21, 2000. • Get the most from your PalmPilot (Macworld, Vol. 15, No. 8) (1998) • Get the Most from Your PalmPilot (Macworld, Vol. 15, No. 8) (1998)	214
Palmscape web browser software, with a compatible PDA device (e.g., a Palm Pilot device, a Qualcomm pdQ800 device, or a Qualcomm pdQ1900 device), and as otherwise in prior use, known, sold, or offered for sale at least prior to April 21, 2000. *Information describing these products includes but is not limited to:* • "PalmPilot: The Ultimate Guide," by Pogue (1999) • "PalmPilot: The Ultimate Guide," by Pogue (1998) • "Minstrel offers impressive mobile access on demand (InfoWorld, Vol. 20, No. 13)," by Hall, Eric (1998)	214

System	Patent(s)
• "Patience Pays with All Palms (Miami Herald)," by Tasker (1997) • "How to Plant Palms (Miami Herald)," by Staff (1991) • "B (Miami Herald)" by Staff (1989)	
Qualcomm pdQ800 and pdQ1900 products, including design files, engineering drawings, hardware and related software, and as otherwise in prior use, known, sold, or offered for sale at least prior to April 21, 2002. *Information describing these products includes but is not limited to:* • Full Product Teardown Report on the Qualcomm PDQ-1900 CDMA Cellular Phone (http://www.ubmtechinsights.com/reports-and-subscriptions/open-market-reports/Report-Profile/?ReportKey=5774), by UBM TechInsights, September 1999 • PDQ Applications Handbook • PDQ Basics Handbook • PDQ Smartphone Quick Reference Guide • Documents, testimony, and other information from Kyocera in response to subpoena dated November 1, 2011, including, but not limited to, documents marked with bates numbers KYO-HTC001935-001938, 003519-003619, 004014-004076, 004915, 004014-004184, 004595-004608, 018224-018227, 019808-019908, 020303-020365, 020436-020473, 020884-020897, 021204, 065482-065485, 067066-067166, 067561-067623, 067694-067731, 068142-068155, 068462, 091361-091507, and 093008-093286 • Documents, testimony, and other information from Qualcomm in response to subpoena dated Nov. 1, 2011, including, but not limited to, documents marked with bates numbers QITC080APL0000001-0000394.	214, 006, 414
AvantGo web browser software, including but not limited to versions 1.x, 2.x, and 3.x, with a compatible PDA device (e.g., a Palm Pilot device, a Qualcomm pdQ800 device, or a Qualcomm pdQ1900 device), and as otherwise in prior use, known, sold, or offered for sale at least prior to April 21, 2000. *Information describing these products includes but is not limited to:* • "ZDNet and PC Magazine Announce First Annual ZD Palm (TM) Pilot Software Awards (PR Newswire)," (1/25/99) • "Palm software (the best applications for Palm OS) (Buyers Guide) (PC Computing, Vol. 223)," (12/1/98) • "Hello, Half a Billion of Us Want the Net Via Phone (Internet World, Vol. 5, No. 33)," (11/15/99) • "Portable Feast (PC Computing)," (7/99) • "As the Web expands, will content follow? (The Seybold Report on	214

System	Patent(s)
Internet Publishing, Vol. 3, No. 1)," by McKenzie (9/98) • "Northwest Airlines: Northwest Airlines websites and e-service centers fly ahead of the competition (M2 Presswire)," (12/10/99) • "Northwest Airlines: Northwest enhances web site (M2 Presswire)," (11/3/99) • "Palm packs a Net into your back pocket Pint-size pilot provides inflight entertainment to beat economic blues (South China Morning Post)," by Taylor (4/15/99)	
Eudora web browser software, , with a compatible PDA device (e.g., a Palm Pilot device, a Qualcomm pdQ800 device, or a Qualcomm pdQ1900 device), and as otherwise in prior use, known, sold, or offered for sale at least prior to April 21, 2000. *Information describing these products includes but is not limited to:* • "pdQ Applications Handbook" Qualcomm • "pdQ Basics Handbook" Qualcomm • "pdQ Smartphone Quick Reference Guide" • "Eudora Internet Suite Developer's Specifications" Qualcomm (2001) • "User Guide Eudora Internet Suite" Qualcomm (1999) • "User Guide Eudora Internet Suite" Qualcomm (1999-2001) • Palm III (CTI for Management, Vol. 3, No. 10) (October 1998) • Survival Skills; Expert PowerBook Tips for When You're on the Go (Macworld, Vol. 73) (January 1999) • Documents, testimony, and other information from Qualcomm in response to subpoena dated November 1, 2011.	214
Kyocera QCP6035 product, including design files, engineering drawings, hardware and related software, and as otherwise in prior use, known, sold, or offered for sale at least prior to April 21, 2002. *Information describing these products includes but is not limited to:* • Kyocera Smartphone User's Guide, QCP 6035 Smartphone by Kyocera (KYO-HTC010463- KYO-HTC010526), December 20, 1990 • QCP™ 6035 Smartphone Reference Guide (KYO-HTC010190-KYO-HTC010462), 2000 • Product Recap Kyocera 6035 Smartphone (KYO-HTC015253- KYO-HTC015264) • pdQ-6035 Release 1.0 Software Design Document, Voice Recognition, Document Version 1.1 (KYO-HTC015528-KYO-HTC15538), January 18, 2000 • Kyocera smartphone Desktop T2 Phase 2 Exit Review (KYO-	849, 214, 414

System	Patent(s)
HTC014248- KYO-HTC014332), November 1, 2000 • T3 PDA Hardware Design Review Rev. x1.0 (KYO-HTC026528-KYO-HTC026679), September 25, 2001 • Documents, testimony, and other information from Kyocera in response to subpoena dated November 1, 2011.	
Palm OS, including versions 1.0, 2.0, 2.0.5, 3.0, 3.1., 3.2, 3.3., 3.5, 4.0, 4.1, 4.2, operating on a compatible Palm OS device (e.g., a Palm Pilot device, a Qualcomm pdQ800 device, or a Qualcomm pdQ1900 device) *Information describing the operating system includes but is not limited to:* • "PalmPilot: The Ultimate Guide," by David Pogue (1999) • "PalmPilot: The Ultimate Guide," by David Pogue (1998) • Palm user manuals identified in Publications section above. • Documents, testimony, and other information from Palm, Inc., or HP Palm, or Hewlett-Packard Company	214, 006, 849, 283, 772
PalmPilot devices, including but not limited to, the PalmPilot 1000, PalmPilot 5000, PalmPilot Personal, PalmPilot Professionial, Palm III, Palm IIIx, Palm V, Palm VII, Palm IIIe, Palm Vx, Palm IIIc, Palm IIIxe, Palm VIIx, Palm m100, Palm m105, Palm m500, Palm m125, Palm i705, Palm m515, Palm m130, including design files, engineering drawings, hardware and related software, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • "PalmPilot: The Ultimate Guide," by David Pogue (1999) • "PalmPilot: The Ultimate Guide," by David Pogue (1998) • "Apps show PalmPilot's versatility" (1/26/98) • "Handbook for the Palm V Organizer," by 3Com Corporation (1999) • Documents, testimony, and other information from Palm, Inc., or HP Palm, or Hewlett-Packard Company • Palm user manuals identified in Publications section above.	214, 006, 849, 283, 772
Microware web browser software, with a compatible PDA device (e.g., a Palm Pilot device, a Qualcomm pdQ800 device, or a Qualcomm pdQ1900 device), and as otherwise in prior use, known, sold, or offered for sale at least prior to April 21, 2000. *Information describing these products includes but is not limited to:* • "Microbrowser Wars Start As Unwired Planet Gets Serious:" (Newsbytes News Network) (January 13, 1999) • "No royalty on kernel" (Electronic Times Online, No. 910) (July 13, 1998)	214

System	Patent(s)
• "Browser on mobile deal" (Electronic Times Online, No. 901) (May 11, 1998) • "Internet Net Package Targets Info Appliances" (Electronic Engineering Times) (August 4, 1997) • "Embedded Conf- Microware, Metrowerks Tap Desktop Talent" (Newsbytes News Network) (March 13, 1997) • "Microware Taps Wireless Market" (Wireless Week) (February 24, 1997) • "Microware to Support NatSemi's Low-Cost Internet Technology" (January 17, 1997) • "Microware Deepens Internet Presence" (Electronic Engineering Times, No. 920) (September 23, 1996) • "Microware, Spyglass spin Web for real-time OSes" (Electronic Engineering Times, No. 908) (July 1, 1996) • "Microware Systems Will License Sun's Java" (Multichannel News, Vol. 17, No. 8) (February 19, 1996) • "Microware Brews Java OS" (Electronic Buyers News, No. 995) (February 19, 1996) • "Embedded Oss hustle to support networked devices" (Electronic Design, Vol. 45, No. 11) (May 27, 1997) • "New Line bets on AOL" (Mediaweek, Vol. 6, No. 8) (February 19, 1996)	
Geoworks web browser software, with a compatible PDA device (e.g., a Palm Pilot device, a Qualcomm pdQ800 device, or a Qualcomm pdQ1900 device), and as otherwise in prior use, known, sold, or offered for sale at least prior to April 21, 2000. *Information describing these products includes but is not limited to:* • References related to Geowork in Section B (Publication) above	214
Command and Conquer video game (developed by Westwood Studios and/or Virgin Interactive), with a compatible gaming device, and as otherwise in prior use, known, sold, or offered for sale at least prior to November 23, 1999.	
Williams Electronics / WMS Gaming video games, including but not limited to the Robotron 64 video game, with a compatible gaming device (e.g., Nintendo 64), and as otherwise in prior use, known, sold, or offered for sale at least prior to November 23, 1999. *Information describing these products includes but is not limited to:* • "More Graphics, Better Plays in this Year's Football Video Games" (Albany Times Union) (October 28, 1998)	006

System	Patent(s)
• Personal Technology Gamers' Corner (Los Angeles Times) (October 19, 1998) • Weekend Gamezone (Irish Times) (September 26, 1998) • Documents, testimony, and other information from Williams Electronics or WMS Gaming in response to subpoena applied for/dated January 18, 2012.	
Vid Kidz games, including but not limited to the Robotron 64 video game, with a compatible gaming device (e.g., Nintendo 64), and as otherwise in prior use, known, sold, or offered for sale at least prior to November 23, 1999.	006
Sega video games, including but not limited to Toy Commander video game, with a compatible gaming device (e.g., Sega Dreamcast), and as otherwise in prior use, known, sold, or offered for sale at least prior to November 23, 1999. *Information describing these products includes but is not limited to:* • News Briefs--UGO, Fox, NVIDIA, SOE/Hasbro, GameWorks, Rockstar, Acclaim, iEN, Eidos, Midway, Sega, Ubi Soft, Wilco, GT (mmWire) (November 5, 1999) • Box Clever (The Guardian) (October 14, 1999) • Sega's Launch Pad (The Guardian) (August 12, 1999) • Documents, testimony, and other information from Sega in response to subpoena dated January 18, 2012.	006
Sega gaming systems, including but not limited to Sega Dreamcast, with compatible games, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Documents, testimony, and other information from Sega in response to subpoena dated January 18, 2012.	006, 849
No Cliché video games, including but not limited to the Toy Commander video game, with a compatible gaming device (e.g., Sega Dreamcast), and as otherwise in prior use, known, sold, or offered for sale at least prior to November 23, 1999.	006
Artech Entertainment video games, including but not limited to the Wheel of Fortune video game, with a compatible gaming device (e.g., PC device, Sony Playstation, or Saturn 3DO), and as otherwise in prior use, known, sold, or offered for sale at least prior to November 23, 1999. *Information describing these products includes but is not limited to:*	006

System	Patent(s)
• "Top-Selling PC Games" (USA Today) (April 30, 1999) • "Electronic Adventures" (Dallas Morning News) (March 2, 1999) • "The Dallas Morning News Computer Game Review Column" (March 2, 1999) • "What to Feed your Game Machines; Keep on Playing with New Software" (Daily News of Los Angeles) (February 20, 1999) • "Hasbro Interactive Puts New Spin on Old Favorites" (The Times-Picayune Pub. Corp.) (February 4, 1999) • "News Watch: Trivial in Name Only: 80's Game Headed for the Web" (New York Times) (December 17, 1998) • "Columbia Fraud Investigations Turns to Lab Tests, Inducements" (Wichita Eagle & Beacon Publishing Co.) (February 12, 1998) • "Online waiting game: the gaming industry isn't aggressively playing online" (ADWEEK Eastern Edition) (June 30, 1997) • Documents, testimony, and other information from Artech Entertainment in response to subpoena dated January 18, 2012.	
Hasbro Interactive video games, including but not limited to the Wheel of Fortune video game, with a compatible gaming device (e.g., PC device, , Sony Playstation, or Saturn 3DO), and as otherwise in prior use, known, sold, or offered for sale at least prior to November 23, 1999.	006
Sony Playstation video game device, with compatible games, in prior use, known, sold, or offered for sale at least prior to May 31, 2002.	
Zoomtext Software, with a compatible PC device, and as otherwise in prior use, known, sold, or offered for sale at least prior to November 23, 1999.	006
TealPoint Software, with a compatible PC device, and as otherwise in prior use, known, sold, or offered for sale at least prior to November 23, 1999. *Information describing these products includes but is not limited to:* • "Apps show PalmPilot's versatility," (Computerworld Volume v32, Issue n4) (1/26/1998)	006
Tivo digital recording devices, including but not limited to hardware and related software, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • US Patent No. 6,642,939 • TiVo Viewer's Guide (2002) • Documents, testimony, and other information from Tivo in response	849

System	Patent(s)
to subpoena dated January 18, 2012.	
Canon Camera products, including but not limited to the PowerShot S100 Digital Elph, PowerShot S110 Digital ELPH, PowerShot A10, PowerShot A20, PowerShot G1, PowerShot G2, PowerShot S30, PowerShot S40, as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Camedia Digital Camera C-1/D-100 Reference Manual (2001) • Canon PowerShot A10 / PowerShot A20Digital Camera Camera User Guide (2001) • Canon PowerShot G1 Camera User Guide (2000) • Canon PowerShot G2 Digital Camera Camera User Guide (2002) • Canon PowerShot S100 Digital Elph Digital IXUS Camera User Guide (2000) • Canon PowerShot S110 Digital ELPH Camera User Guide (2001) • Canon USA, Inc. PowerShot S30 / PowerShot S40 Digital Camera Camera User Guide (2002) • Documents, testimony, and other information from Canon in response to subpoena applied for/dated January 17, 2012.	849
Panasonic Camera products, including but not limited to the DC3000, DC3000-A, and SD5000, as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Panasonic Digital Camera Operating Instructions Model No. PV-DC3000 • Panasonic Digital Camera Operating Instructions Model No. PV-DC3000-A • Panasonic Digital Camera Operating Instructions Model No. PV-SD5000 • Documents, testimony, and other information from Panasonic in response to subpoena applied for/dated January 17, 2012.	849
Kodak Camera products, including but not limited to the Kodak DX3500, DX3600, DX3215 , DX3700, and DX3900 camera products, as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Kodak DX3500 Digital Camera User's Guide • Kodak DX3600 Zoom Digital Camera User's Guide • Kodak Easyshare DX3215 Zoom Digital Camera User's Guide • Kodak Easyshare DX3700 Digital Camera User's Guide	849

System	Patent(s)
• Kodak Easyshare DX3900 Zoom Digital Camera User's Guide • Documents, testimony, and other information from Kokak in response to subpoena applied for/dated January 17, 2012.	
Sony Camera products, including but not limited to DSC-F707, DSC-P1, DSC-P20, DSC-P3, DSC-P30, DSC-P5, DSC-P50, DSC-S75, DSC-S85, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Sony Digital Still Camera Operating Instructions DSC-F707 • Sony Digital Still Camera Operating Instructions DSC-P1 • Sony Digital Still Camera Operating Instructions DSC-P3 • Sony Digital Still Camera Operating Instructions DSC-P30/P50 • Sony Digital Still Camera Operating Instructions DSC-P5 • Documents, testimony, and other information from Sony in response to subpoena dated November 1, 2011.	849
Toshiba Camera products, including but not limited to PDR-M11, PDR-M21, PDR-M25, PDR-M61, PDR-M65, PDR-M71, PDR-M81, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Documents, testimony, and other information from Toshiba in response to subpoena applied for/dated January 17, 2012.	849
HP Camera products, including but not limited to PhotoSmart 215, 715, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • HP PhotoSmart 215 User's Guide • HP PhotoSmart 715 Digital Camera User's Guide • Documents, testimony, and other information from HP in response to subpoena dated January 18, 2012.	849
Minolta Camera products, including but not limited to DiMAGE 5, DiMAGE 7, DiMAGE E201, DiMAGE S304, DiMAGE S404, DiMAGE X, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Minolta DiMAGE 7 DiMAGE 5 Instruction Manual • Minolta DiMAGE E201 Instruction Manual • Minolta DiMAGE S304 Instruction Manual	849

System	Patent(s)
• Minolta DiMAGE S404 Instruction Manual • Minolta DiMAGE X Instruction Manual	
Olympus Camera products, including but not limited to C-1, D-100, Brio C-2, Brio D-230, C-4040Z, C-1 Zoom, D-150 Zoom, C3020 Zoom, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Olympus Camedia Brio C-2/D-230 Basic Manual • Olympus Camedia Digital Camera C-4040Z Reference Manual • Olympus Camedia Digital Camera C-1 D-100 Reference Manual • Olympus Camedia Digital Camera C-1 Zoom D-150 Zoom Reference Manual • Olympus Camedia Digital Camera C-3020 Zoom Reference Manual	849
Pentax camera products, including but not limited to Optio 330, Optio 430, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Pentax Digital Camera Optio 430 Operating Manual • Pentax Digital Camera Optio 330 Operating Manual	849
Ricoh camera products, including but not limited to RDC-7, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Ricoh RDC-7 Image Capturing Device Operation Manual	849
RCA camera products, including but not limited to CDS6300, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • RCA Digital Still Camera User's Guide CDS6300	849
Epson camera products, including but not limited to PhotoPC 3100Z, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • User's Guide Epson Digital Camera PhotoPC 3100Z	849
Canon video camera products, including but not limited to the ES190, ES290, ES50, ES55, ELURA, GL1, OPTURA Pi, OPTURA, ULTURA, VISTURA, XL1, ZR, and ZR10, and as otherwise in prior use, known, sold,	849

System	Patent(s)
or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • 8mm Video Camcorder Instruction Manual Canon ES190/ES290 NTSC (1999) • 8mm Video Camcorder Instruction Manual Canon ES50/ES55 NTSC (2000) • Digital Video Camcorder Instruction Manual Canon Elura NTSC • Digital Video Camcorder Instruction Manual Canon GL1 NTSC • Digital Video Camcorder Instruction Manual Canon OPTURA A (NTSC) • Digital Video Camcorder Instruction Manual Canon OPTURA Pi • Digital Video Camcorder Instruction Manual Canon ULTURA NTSC • Digital Video Camcorder Instruction Manual Canon VISTURA • Digital Video Camcorder Instruction Manual Canon XL1 A (NTSC) • Digital Video Camcorder Instruction Manual Canon ZR • Digital Video Camcorder Instruction Manual Canon ZR10 • Documents, testimony, and other information from Canon in response to subpoena applied for/dated January 17, 2012.	
Sony Video Camera Recorder products, including but not limited to the DCR-VX2000, DCR-PC100, DCR-TRV6/TRV11/TRV20, DCR-TRV8/TRV10, DCR-TRV103/TRV110, DCR-TRV120/TRV320, DCR-TRV203/TRV210/TRV310/TRV315, DCR-TRV510, DCR-TRV520/TRV525, DCR-TRV720/TRV820, DCR-TRV900, DCR-VX1000, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Sony Digital Video Camera Recorder Operating Instructions Camcorder - DCR-VX2000 • Sony Digital Video Camera Recorder Operating Instructions Digital Handycam DCR-PC100 • Sony Digital Video Camera Recorder Operating Instructions Digital Handycam DCR-TRV6/TRV11/TRV20 • Sony Digital Video Camera Recorder Operating Instructions Digital Handycam DCR-TRV8/TRV10 • Sony Digital Video Camera Recorder Operating Instructions Digital Handycam Digital 8 DCR-TRV103/TRV110 • Sony Digital Video Camera Recorder Operating Instructions Digital Handycam Digital 8 DCR-TRV120/TRV320 • Sony Digital Video Camera Recorder Operating Instructions Digital Handycam Digital 8 DCR-TRV203/TRV210/TRV310/TRV315	849

System	Patent(s)
• Sony Digital Video Camera Recorder Operating Instructions Digital Handycam Digital 8 DCR-TRV510 • Sony Digital Video Camera Recorder Operating Instructions Digital Handycam Digital 8 DCR-TRV520/TRV525 • Sony Digital Video Camera Recorder Operating Instructions Digital Handycam Digital 8 DCR-TRV720/TRV820 • Sony Digital Video Camera Recorder Operating Instructions Handycam Vision DCR-TRV900 • Sony Digital Video Camera Recorder Operation Manual Digital Handycam DCR-VX1000 • Documents, testimony, and other information from Sony in response to subpoena dated November 1, 2011.	
Panasonic video camera products, including but not limited to the PV-L750, PV-L85, PV-L550, PV-L650, PV-DC3000, PV-SD5000, PV-DV90, PV-DV100, PV-DV200, PV-DV400, PV-DV600, PV-DV800, AG-EZ30UP, PV-DV950, PV-209, AG-456UP, PV-V4525S video camera products, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Panasonic Camcorder Operating Instructions Model No. PV-L750 • Panasonic Camcorder Operating Instructions Model No. PV-L85 • Panasonic Camcorder Operating Instructions Model Nos. PV-L550/PV-L650 • Panasonic Digital Camera Operating Instructions Model No. PV-DC3000 2000 • Panasonic Digital Camera Operating Instructions Model No. PV-SD5000 2000 • Panasonic Digital Palmcorder PalmSight Operating Instructions PV-DV90 • Panasonic Digital Video Camcorder Operating Instructions Model No. PV-DV100 • Panasonic Digital Video Camcorder Operating Instructions Model Nos. PV-DV200 PV-DV400 • Panasonic Digital Video Camcorder Operating Instructions Model No. PV-DV600 • Panasonic Digital Video Camcorder Operating Instructions Model No. PV-DV800 • Panasonic Digital Video Camera Operating Instructions Model No. AG-EZ30UP • Panasonic Digital Video Camera Operating Instructions Model No. PV-DV950	849

System	Patent(s)
• Panasonic Palmcorder Camcorder Operating Instructions PV-209 • Panasonic S-VHS Movie Cameoscope S-VHS AG-456UP Operating Instructions • Documents, testimony, and other information from Panasonic in response to subpoena applied for/dated January 17, 2012.	
JVC Digital Camcorder / Digital Video Camera products, including but not limited to GR-DVA1, GR-DVL500, GR-DVL300, GR-DVL600, GR-DVL500, GR-DVL400, GR-DVL300, GR-DVL805, GR-DVL505, GR-DVL9500, GR-DVM50, GR-DVM70, GR-DVM90, GR-DVL9500, GR-DVA1, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • JVC Digital Camcorder GR-DVA1 Instructions • JVC Digital Video Camera GR-DVM50 Instructions • JVC Digital Video Camera GR-DVL500 GR-DVL300 Instructions • JVC Digital Video Camera GR-DVL600 GR-DVL500 GR-DVL400 GR-DVL300 Instructions • JVC Digital Video Camera GR-DVL805 GR-DVL505 Instructions • JVC Digital Video Camera GR-DVL9500 Instructions • JVC Digital Video Camera GR-DVL9500 Instructions • JVC Digital Video Camera GR-DVM70 Instructions • JVC Digital Video Camera GR-DVM90 Instructions • Documents, testimony, and other information from JVC in response to subpoena applied for/dated January 17, 2012.	849
Squaresoft video games, including but not limited to the Final Fantasy video games (including but not limited to Final Fantasy V, VIII, IX, and X), with a compatible gaming device (e.g., Sony Playstation), and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002.	849
EA Sports video games, including but not limited to the Madden NFL video games (including but not limited to the 96, 97, 98, and 99 versions) with a compatible gaming device (e.g., Nintendo 64), and as otherwise in prior use, known, sold, offered for sale at least prior to May 31, 2002.	849
HP Jornada devices, including but not limited to the HP Jornada 720, as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • HP Jornada 700 Series Handheld PC User's Guide • Documents, testimony, and other information from HP in response to	849, 283, 772

System	Patent(s)
subpoena dated January 18, 2012.	
Philips Nino devices, including but not limited to the Nino 500, Nino 300, as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Nino 300 Owner's Guide • Nino 500 Owner's Guide • Documents, testimony, and other information from Philips in response to subpoena dated November 15, 2011.	214, 006, 849, 283, 772
NEC MobilePro780 devices, including but not limited NEC MobilePro 780 devices operating on the Windows CE operating system, as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • MobilePro780 with Windows CE 3.0 • Documents, testimony, and other information from NEC in response to subpoena dated January 18, 2012	849, 283, 772
JVC DVD player products, including but not limited to XV-M512SL, XV-N5SL, XV-NA7SL, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • JVC DVD Video Player XV-M512SL Instructions • JVC DVD Video Player XV-N5SL Instructions • JVC DVD Video Player , XV-NA7SL Instructions • Documents, testimony, and other information from JVC in response to subpoena applied for/dated January 17, 2012	849
Magnavox DVD player products, including but not limited to DVD501AT, DVD502AT, DVD609, DVD611, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Magnavox Digital Video Disc Player DVD501AT Owner's Manual • Magnavox Digital Video Disc Player DVD502AT Owner's Manual • Magnavox DVD609 Digital Video Disc Player Owner's Manual • Magnavox DVD611 Digital Video Disc Player Owner's Manual • Documents, testimony, and other information from Phillips in response to subpoena dated November 15, 2011.	849
Toshiba DVD player products, including but not limited to SD-1800, SD-310V, SD-1600, SD-100X, SD-1700, SD-1750, SD-2050, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002.	849

System	Patent(s)
Information describing these products includes but is not limited to: • Toshiba DVD Video Player SD-1800 SD-310V Owner's Manual • Toshiba Owner's Manual DVD Video Player SD-1600 • Toshiba Owner's Manual DVD Video Player SD-100X • Toshiba Owner's Manual DVD Video Player SD-1700 SD-1750 • Toshiba Owner's Manual DVD Video Player SD-2050 • Documents, testimony, and other information from Toshiba in response to subpoena applied for/dated January 17, 2012.	
Philips Magnavox DVD player products, including but not limited to DVD420AT, DVD619, DVD621, DVD781CH, DVD815, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Philips Magnavox Digital Video Disc Player Owner's Manual DVD619 • Philips Magnavox DVD Video Player DVD420AT Owner's Manual • Philips Magnavox DVD Video Player DVD815 Instructions for Use • Philips Magnavox DVD/CD 5-Disc Changer DVD781CH Owner's Manual • Philips Magnavox DVD621 Digital Video Disc Player Owner's Manual • Documents, testimony, and other information from Phillips in response to subpoena dated November 15, 2011.	849
Pioneer DVD player products, including but not limited to DV-05, DV-37, DV-343, DV-354, DV-434, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Pioneer DVD Player DV-434 Operating Instructions • Pioneer DVD Player DV-354 Operating Instructions • Pioneer Elite DVD Player DV-05 Operating Instructions • Pioneer Elite DVD Player DV-343 Operating Instructions • Pioneer Elite DVD Player DV-37 Operating Instructions	849
RCA DVD player products, including but not limited to MRP1150, NRD412NA, RC5220P, RC5240P, RC5500P, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • RCA DVD Player User's Manual MRP1150 • RCA DVD Player User's Manual RC5240P • Digital Video Disc Player RCA User's Manual RC5220P	849

System	Patent(s)
• Digital Video Disc Player RCA User's Manual RC5500P • NRD412NA Owner's Manual Satellite Receiver	
Samsung DVD player products, including but not limited to DVD-611, DVD-511, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Samsung DVD Video DVD Player DVD/Video-CD/CD DVD-611/511	849
Sony DVD player products, including but not limited to DVP-F21, DVP-F25, DVP-F41MS, DVX-100, SLVD100, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Sony CD/DVD Player Operating Instructions DVP-F21 • Sony CD/DVD Player Operating Instructions DVP-F25 • Sony CD/DVD Player Operating Instructions DVP-F41MS • Sony DVD Changer Operating Instructions DVX-100 • Sony DVD Player/Video Cassette Recorder Operating Instructions SLVD100 • Documents, testimony, and other information from Sony in response to subpoena dated November 1, 2011.	849
Panasonic VCR products, including but not limited to PV-V4525S video cassette recorder, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Panasonic Video Cassette Recorder Operating Instructions Model No. PV-V4525S • Documents, testimony, and other information from Panasonic in response to subpoena applied for/dated January 17, 2012.	849
Hitachi VCR products, including but not limited to VT-DX815A, VT-FX600A, VT-FX600C, VT-MX4530A, VT-UX6450A, VT-MX4510A, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Hitachi Video Cassette Recorder VT-DX815A • Hitachi Video Cassette Recorder VT-UX6450A Owner's Manual • Hitachi Video Deck VT-MX4510A Owner's Manual • Hitachi Video Deck VT-MX4530A Owner's Manual • Hitachi VT-FX600A/VT-FX600C Owner's Manual	849

System	Patent(s)
• Documents, testimony, and other information from Hitachi in response to subpoena dated January 18, 2012.	
JVC VCR products, including but not limited to HR-J448EE, HR-J249EE HR-J248EE, HR-J245EE, HR-J458EE, HR-J258EE, HR-J255EE, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • JVC Video Cassette Recorder BR-D95U Instructions • JVC Video Cassette Recorder HM-DH30000U Instructions • JVC Video Cassette Recorder HR-A52U (Hi-Fi) HR-A32U (Monaural) Instructions • JVC Video Cassette Recorder-HR-J448EE HR-J249EE HR-J248EE HR-J245EE Instructions • JVC Video Cassette Recorder-HR-J458EE HR-J258EE HR-J248EE HR-J255EE Instructions • Documents, testimony, and other information from JVC in response to subpoena applied for/dated January 17, 2012.	849
Magnavox VCR products, including but not limited to MVR430MG, MVR630MG, VRC602MG, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Magnavox Owner's Manual MVR430MG/MVR630MG VCR • Magnavox VCR VRC602MG Video Cassette Recorder Owner's Manual • Documents, testimony, and other information from Phillips in response to subpoena dated November 15, 2011.	849
Mitsubishi VCR products, including but not limited to HS-HD1100U, HS-HD2000U, HS-U448, HS-U748, HS-U778, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Mitsubishi Video Cassette Recorder Owner's Guide Model HS-HD1100U • Mitsubishi Video Cassette Recorder Owner's Guide Model HS-HD2000U • Mitsubishi Video Cassette Recorder Owner's Guide Model HS-U448 • Mitsubishi Video Cassette Recorder Owner's Guide Model HS-U748 • Mitsubishi Video Cassette Recorder Owner's Guide Model HS-U778 • Documents, testimony, and other information from Mitsubishi response to subpoena applied for/dated January 17, 2012.	849

System	Patent(s)
RCA VCR products, including but not limited to RP-9340, VR336, VR347, VR518, VR527, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • RCA User's Guide RP-9340 Audio System • RCA Video Cassette Recorder User's Guide VR347 • RCA Video Cassette Recorder User's Guide VR518 • RCA Video Cassette Recorder User's Guide VR527 • RCA VR336 User's Guide Video Cassette Recorder	849
Samsung VCR products, including but not limited to SV-C90P, SV-670D, SV-680D, SV-690D, SV-675D, SV-685D, SV-695D, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Samsung Owner's Manual Video Cassette Recorder (VCR)-Line Recorder SV-670D/SV-680D/SV-690D SV-675D/SV-685D/SV-695D • Samsung Video Cassette Recorder Owner's Manual Hi-Fi VHS SV-C90P	849
Zenith VCR products, including but not limited to VCP354, VRB210, VRB410, VRB420, VRB210, VRB410, VRB420, VRB411C, VRB421C, VRD4235, VRD4125, VRD2125, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Zenith Machine Number VCP354 Operating Guide/Warranty • Zenith Machine Numbers VRB210 VRB410 VRB420 Operating Guide/Warranty • Zenith Machine Numbers VRB210 VRB410 VRB420 Operating Guide/Warranty • Zenith Machine Numbers VRB411C VRB421C Operating Guide • Zenith Machine Numbers VRD4235 VRD4125 VRD2125 Operating Guide/Warranty	849
Zenith TV products, including but not limited to IQB42P97G, SJ25656, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Zenith IQB42P97G Installation & Operating Guide	849
Sharp TV products, including but not limited to 27R-S100, LC-10A3U, and as otherwise in prior use, known, sold, or offered for sale at least prior to	849

System	Patent(s)
May 31, 2002. *Information describing these products includes but is not limited to:* • Sharp Color TelevisionModel 27R-S100 Operation Manual • Sharp LC-10A3U LCD Color Television • Documents, testimony, and other information from Sharp in response to subpoena dated January 17, 2012.	
JVC TV products, including but not limited to AV-36D501, AV-36D201, AV-32D501, AV-32D201, AV-27D501, AV-27D201, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • JVC Color Television User's Guide For models: AV-36D501, AV-36D201, AV-32D501, AV-32D201, AV-27D501, AV-27D201 • Documents, testimony, and other information from JVC in response to subpoena applied for/dated January 17, 2012.	849
Fujitsu TV products, including but not limited to PDS4221W-H, PDS4221W-S, PDS4222W-H, PDS4222W-S, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Fujitsu User's Manual 42" Wide Plasma Display PDS4221W-H/PDS4221W-S/PDS4222W-H/PDS4222W-S Plasmavision	849
Samsung TV products, including but not limited to TXN2734F, TXN2434F, TXN2034F, TXN2036F, TXN2730F, TXN2030F, TXN2726, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Samsung TXN2734F / TXN2434F / TXN2034F / TXN2036F / TXN2730F / TXN2030F / TXN2726 Color Television Owner's Instructions	849
Sony TV products, including but not limited to KV-20FV12, KV-24FV12, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Sony FD WEGA Trinitron Color TV KV-20FV12 KV-24FV12 • Documents, testimony, and other information from Sony in response to subpoena dated November 1, 2011.	849
Toshiba TV products, including but not limited to 43H70, 55H70, 61H70, TW56X81, TW65X81, and as otherwise in prior use, known, sold, or offered	849

System	Patent(s)
for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Toshiba Owner's Manual Projection Television ColorStream 43H70 55H70 61H70 • Toshiba Owner's Manual Projection Television ColorStream TW56X81 TW65X81 • Documents, testimony, and other information from Toshiba in response to subpoena applied for/dated January 17, 2012.	
Panasonic TV products, including but not limited to CT-27G, CT-32D31E, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Panasonic Color Television Operating Instructions CT-27G • Panasonic Color Television Operating Instructions CT-32D31E • Documents, testimony, and other information from Panasonic in response to subpoena applied for/dated January 17, 2012.	849
Magnavox TV products, including but not limited to 9P6034, TP2785C1, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Magnavox 9P6034 User's Manual • Magnavox Color Television TP2785C1 Instructions for Use • Documents, testimony, and other information from Phillips in response to subpoena dated November 15, 2011.	849
RCA TV products, including but not limited to G27648, G27649, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • RCA G27648 G27649 27" Stereo Monitor-Receiver	849
Sanyo TV products, including but not limited to DS31590, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Sanyo DS31590 Color TV Owner's Manual	849
Philips TV products, including but not limited to 32RF50S, PC0127C, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:*	849

System	Patent(s)
• Philips 32RF50S Instructions For Use • 27" Philips Commercial Television with SmartCard Expansion Slot PC0127C • Documents, testimony, and other information from Philips in response to subpoena dated November 15, 2011.	
Microsoft Windows 98 operating system on a compatible PC device, including but not limited to the Toshiba Satellite, Toshiba Satellite Pro, and IBM Thinkpad 770, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002.	006, 849, 283, 772
Windows Media Player software, including versions 1.1, 1.2, 6.1, 6.3, 6.4, 7.0, 7.1, 8.0, operating on a compatible PC device (e.g., a Toshiba Satellite, Toshiba Satellite Pro, IBM Thinkpad 770), and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002.	849
jetAudio media player software, including but not limited Basic and Pro media versions, operating on a compatible PC device, including but not limited to the Toshiba Satellite, Toshiba Satellite Pro, and IBM Thinkpad 770, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002.	849
PowerDVD software, including but not limited to the Standard, Deluxe, and Ultra versions, operating on a compatible PC device, including but not limited to the Toshiba Satellite, Toshiba Satellite Pro, and IBM Thinkpad 770, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • Documents, testimony, and other information from CyberLink in response to subpoena applied for/dated January 17, 2012.	849
RealPlayer media player software, including but not limited to the Basic and Plus versions, operating on a compatible PC device, including but not limited to the Toshiba Satellite, Toshiba Satellite Pro, and IBM Thinkpad 770, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing these products includes but is not limited to:* • RealPlayer 8 Plus User Manual • Documents, testimony, and other information from RealNetworks in response to subpoena applied for/dated January 17, 2012.	849
Imagineer video games, including but not limited to the Quest 64 video game, with a compatible gaming device (e.g., Nintendo 64), and as otherwise in prior use, known, sold, or offered for sale at least prior to November 23,	006

System	Patent(s)
1999.	
Nintendo gaming systems, including but not limited to Nintendo 64, Game Boy video game device, with compatible games, in prior use, known, sold, or offered for sale at least prior to May 31, 2002.	006, 849
Sharp ExpertPad PI-7000, PI-7100 PDA device, as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002.	214
Marco PDA device, as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002.	214, 006, 849
Harris SuperTech 2000	214
HandWeb web browser software, including but not limited to version 1.x, operating on a compatible PDA device (e.g., a Palm Pilot device, a Qualcomm pdQ800 device, or a Qualcomm pdQ1900 device), and as otherwise in prior use, known, sold, or offered for sale at least prior to April 21, 2000. *Information describing these products includes but is not limited to:* • HANDWEB User Manual (1998) • Minstrel offers impressive mobile access on demand (InfoWorld, Vol. 20, No. 13) (1998) • Apps show PalmPilot's versatility (Computerworld, Vol. 32, No. 4) (1998)	214
PowerBrowser browser software, including but not limited to XX, operating on a compatible PDA device (e.g., a Palm Pilot device, a Qualcomm pdQ800 device, or a Qualcomm pdQ1900 device), and as otherwise in prior use, known, sold, or offered for sale at least prior to April 21, 2000. *Information describing these products includes but is not limited to:* • "Power Browser: Efficient Web Browsing for PDAs" CHI Letters, Volume 2, Issue 1, by Buyukkokten et al. (April 6, 2000)	214
Browse-it browser software, operating on a compatible PDA device (e.g., a Palm Pilot device, a Qualcomm pdQ800 device, or a Qualcomm pdQ1900 device), and as otherwise in prior use, known, sold, or offered for sale at least prior to April 21, 2000.	214
PocketWeb web browser software, including at least version 1.9, 2.1, 2.4, with a compatible PDA device (e.g., an Apple MessagePad device), and as otherwise in prior use, known, sold, or offered for sale at least prior to April	214

System	Patent(s)
21, 2000.	
Sharp ZR5000 PDA device, as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002.	849, 283, 772
Microsoft Windows 3.0, 3.1, 95, 98, 2000, ME, XP, NT 3.5, NT 3.51, NT 4.0, CE with a compatible device	849, 283, 772
Opera Browser web browser, including but not limited to versions 2.x and v. 3.x, operating on a compatible device, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing the software includes but is not limited to:* • "Browser battle bruising," David E. Kalsih, Oct. 26, 1997.	006, 214, 849
IBM Simon phone/PDA products, but not limited to Simon Personal Communicator, and including hardware and related software, as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002. *Information describing the software includes but is not limited to:* • EP0651544A2 (Allard, et al.) • "Wireless: The Revolution in Personal Telecommunications, "by Brodsky (1995) • "Is it a phone or a PDA? Here's what Simon Says" (Info World, Volume 16, Issue 39), by Lee (9/26/94) • Documents, testimony, and other information from IBM in response to subpoena dated November 1, 2011 • VADEM VG-230 SUB-NOTEBOOK ENGINE DATA MANUAL (Bates Number 978562000445 – 978562000693), November, 1992 • IBM Simon User Manual (Bates Number 978563000011-978563000125), 1994 • AMP Program Management Manual (Bates Number 978562000167 – 978562000211), 1993-1994 • Documents, testimony, and other information from IBM in response to subpoena dated November 1, 2011.	006, 849, 214, 414
Nokia phone products, including but not limited to Nokia 9000 communicator Nokia 9000i communicator, Nokia 9000il communicator, Nokia 9110 communicator, Nokia 9110i communicator, Nokia 9210 Communicator, Nokia 9210c Communicator, Nokia 9210i Communicator, Nokia 9290 Communicator, Nokia 7650, Nokia 3650 (Nokia Cameron), Nokia 3600, Nokia N-Gage (Nokia Starship), Nokia 3660 (Nokia Sylvester), Nokia 6600 (Nokia Calimero), Nokia 3620 (Nokia Shrek), including hardware and related software, and as otherwise in prior use, known, sold, or offered for sale at least prior to May 31, 2002.	006, 849, 214, 283, 772, 414

System	Patent(s)
Information describing the software includes but is not limited to: • Solution Guide for Nokia 9100 and 9110i Communicator (2000) • Software and guides for Nokia 9100 and 9110i Communicator and PC/Macintosh (2000) • Nokia 9210 Communicator User's Guide (1998) • Documents, testimony, and other information from Nokia in response to subpoena dated November 1, 2011 • "Service Manual, RAE-2 Cellular Phone/Personal Digital Assistant," Feb. 1999 • "User's Manual of Nokia 9110 Communicator" (Bates Number 808NK00001-808NK000190) 1999 • "RAE-2 Schematics, Block Diagram of PDA," Feb, 1999 • "GNOKII Then and Now," Hugh Blemings, Pawel Kot, Feb. 2003 • "GNOKII," Hugh Blemings, Version 0.2.4 March 1999 • "Nokia F-Bus Protocol made simple." Embedtronics, Last Updated July 9, 2010 • Service Manual, RAE-3 • Nokia 9000 Communicator User's Manual (Bates Number 808NK000306 - 808NK000409) • Nokia 9000 Communicator After Sales Technical Documentation (Bates Number 808NK000286-808NK000305) • Full Product Teardown Report on the Nokia 9210 Communicator PDA GSM Cellular Phone (http://www.ubmtechinsights.com/reports-and-subscriptions/open-market-reports/Report-Profile/?ReportKey=5743) by UBM TechInsights, October 21, 2001 • Nokia 9210 Schematics (Bates Number 808NK001945-47) • PAMS Technical Documentation, RAE-3 Series PDA (9=808NK05689-808NK05718) • Service Manual: RAE-3NUS/NU/NUH Cellular Phone Personal Digital Assistant (Bates Number 808NK009296 -808NK010129) 03/2002 • Linda Communicator Produc Manual (Bates Number 808NK003912-808NK003986), 2000 • US Linda Product Implementation Plan (Bates Number 808NK001244 -808NK001255), 2002 • Nokia 7650 User's Guide, 2002 • Nokia 6340 User Guide, 2002 • Owner's Guide for Nokia 5510, 2004 • Nokia 6210s User's Guide, 2004 • Documents, testimony, and other information from Nokia in response	

System	Patent(s)
to subpoena dated November 1, 2011.	
Compaq iPAQ Pocket PC H3700 *Information describing these products includes but is not limited to:* • Compaq iPAQ Pocket PC H3700 Series Getting Started Guide	849, 283, 772, 414
Sharp Zaurus SL-5500 *Information describing the product includes but is not limited to:* • Sharp Zaurus Model AR-5000 Operation Manual, Sharp Electronics Corporation	283, 772
BodyCom phone /personal digital assistant *Information describing the product includes but is not limited to:* • U.S. Patent Publication No. 2003/0013483	283, 772
Motorola Pagewriter2000 *Information describing the product includes but is not limited to:* • Motorola PageWriter 2000 User's Manual	283, 772
Revo by Psion, Inc. *Information describing the product includes but is not limited to:* • Psion Revo Handbook, 1999, Psion Computers PLC, pp. 1-222.	283, 772
Nova Engineering OFDM modem referenced at HTCAPPII00002046	944, 219
Telebit modem products including, but not limited to, the Telebit Trailblazer, Telebit Trailblazer+ (TrailBlazer Plus), Telebit, Telebit T1000, Telebit T2000, Telebit NetBlazer, Telebit T2500, Telebit T1500, Telebit T1600, Telebit T3000, Telebit WorldBlazer, Telebit FastBlazer, Telebit FastBlazer 8840, Telebit TeleBlazer modem products.	944, 219
Gandalf SM9600 Supermodem	944, 219
AT&T/Bell Laboratories Dual Speed Voice-Band Modem *Information describing the product includes but is not limited to:* • "A Dual-Speed Voice-Band Modem Implementation" by J. McDermott (Oct. 31, 1984)	944, 219

In addition to the materials listed above, Apple may rely on prior art devices produced pursuant to outstanding third-party subpoenas issued in this investigation, including the following:

- Devices produced or identified by HTC in this investigation;

- Devices produced or identified by ADC Telecommunications, Inc. pursuant to subpoena dated November 1, 2011;
- Devices produced or identified by Ericsson, Inc. dated November 1, 2011;
- Devices produced or identified by International Business Machines Corporation pursuant to subpoena dated November 1, 2011;
- Devices produced or identified by Kyocera Communications, Inc. pursuant to subpoena dated November 1, 2011;
- Devices produced or identified by Nokia, Inc. pursuant to subpoena dated November 1, 2011;
- Devices produced or identified by Qualcomm Incorporated pursuant to subpoena dated November 1, 2011;
- Devices produced or identified by Sony Electronics, Inc. pursuant to subpoena dated November 1, 2011;
- Devices produced or identified by ACCESS Systems Americas, Inc. pursuant to subpoena dated November 15, 2011;
- Devices produced or identified by Openwave Systems Inc. pursuant to subpoena dated November 15, 2011;
- Devices produced or identified by Philips Electronics North America Corporation pursuant to subpoena dated November 15, 2011;
- Devices produced or identified by L-3 Communications Nova Engineering, Inc. pursuant to subpoena dated November 15, 2011;
- Devices produced or identified by Texas Instruments Incorporated pursuant to subpoena dated November 21, 2011;
- Devices produced or identified by Motorola Mobility, Inc. pursuant to subpoena dated November 21, 2011
- Devices produced or identified by Michael J. Geile, pursuant to subpoena dated November 23, 2011;
- Devices produced by Harold Roberts, pursuant to subpoena dated January 11, 2012.

- Devices produced by Fogg & Powers, pursuant to subpoena dated January 11, 2012.

- Devices produced or identified by Sony Ericsson Mobile Communications (USA), Inc. pursuant to subpoena dated November 23, 2011;

- Devices produced or identified by Mitsubishi Electric & Electronics USA, Inc. pursuant to subpoena applied for/dated on January 17, 2012;

- Devices produced or identified by Mitsubishi Electric Visual Solutions America, Inc. pursuant to subpoena applied for/dated on January 17, 2012;

- Devices produced or identified by JVC Americas Corp., Inc. pursuant to subpoena applied for/dated on January 17, 2012;

- Devices produced or identified by Eastman Kodak Corporation pursuant to subpoena applied for/dated on January 17, 2012;

- Devices produced or identified by Panasonic Corporation of North America pursuant to subpoena applied for/dated on January 17, 2012;

- Devices produced or identified by Toshiba America, Inc. pursuant to subpoena applied for/dated on January 17, 2012;

- Devices produced or identified by Nintendo of America Inc. pursuant to subpoena applied for/dated on January 17, 2012;

- Devices produced or identified by Canon U.S.A, Inc. pursuant to subpoena applied for/dated on January 17, 2012;

- Devices produced or identified by Sharp Electronics Corporation pursuant to subpoena applied for/dated on January 17, 2012;

- Devices produced or identified by CyberLink Corp. pursuant to subpoena applied for/dated on January 17, 2012;

- Devices produced or identified by RealNetworks, Inc. pursuant to subpoena applied for/dated on January 17, 2012;

- Devices produced or identified by Artech House pursuant to subpoena applied for/dated on January 18, 2012;

- Devices produced or identified by O'Reilly Media pursuant to subpoena applied for/dated on January 18, 2012;

- Devices produced or identified by SEGA of America, Inc. pursuant to subpoena applied for/dated on January 18, 2012;
- Devices produced or identified by WMS Gaming Inc. pursuant to subpoena applied for/dated on January 18, 2012;
- Devices produced by Hitachi America, Ltd. pursuant to subpoena applied for/dated on January 18, 2012;
- Devices produced by Tivo Inc. pursuant to subpoena applied for/dated on January 18, 2012;
- Devices produced by Hewlett-Packard Company pursuant to subpoena applied for/dated on January 18, 2012;
- Devices produced by NEC Corporation of America pursuant to subpoena applied for/dated on January 18, 2012.

D. Persons Relied Upon as Prior Inventor/Having Prior Knowledge of/Having Previously Used or Offered for Sale the Invention of the Patent-in-Suit[2]

Name	Address	Patent	Reason
Apple Inc. Representative	Contact through Fish & Richardson P.C.	849, 283, 772	Has knowledge of at least the use and functionality of the Apple Mac OS X.
Apple Inc. Representative	Contact through Fish & Richardson P.C.	849, 283, 772	Has knowledge of at least the use and functionality of the Apple HyperCard software system.
Apple Inc. Representative	Contact through Fish & Richardson P.C.	849	Has knowledge of at least the use and functionality of the Quicktime software system.
Apple Inc. Representative	Contact through Fish & Richardson P.C.	849, 283, 772, 006, 214, 414	Has knowledge of at least the use and functionality of the Newton OS products, including compatible Newton OS

[2] The reasoning provided below is exemplary, and Apple reserves the right to rely on other information from the persons identified or from the persons that will be identified, based on knowledge of issues pertaining to the relevant prior art.

Name	Address	Patent	Reason
			devices (e.g., an Apple MessagePad device).
Williams Electronics / WMS Gaming Representative	800 South Northpoint Blvd. Waukegan, IL 60085	006	Has knowledge of at least the use and functionality of the Williams Electronics / WMS Gaming video games, including but not limited to the Robotron 64 video game.
Sega representative	350 Rhode Island Street Suite 400 San Francisco, CA 94103	006, 849	Has knowledge of at least of the use and functionality of the Sega gaming systems (including the Sega Dreamcast) and Sega video games, including but not limited to Toy Commander video game.
Artech representative	TBD	006	Has knowledge of at least the use and functionality of the Artech Entertainment video games, including but not limited to the Wheel of Fortune video game.
Hasbro representative	Hasbro, Inc. 1027 Newport Avenue Pawtucket, RI 02862.	006	Has knowledge of at least the use and functionality of the Hasbro video games, including but not limited to the Wheel of Fortune video game.
Tivo representative	2160 Gold Street P.O. Box 2160 Alviso, CA 95002-2160	849	Has knowledge of at least the use and functionality Tivo digital recording devices.
Sharp representative	Sharp Plaza Mahwah, NJ 07495	849, 772, 283	Has knowledge of at least the use and functionality of Sharp products identified herein.
Canon representative	One Canon PlazaLake Success, NY 11042	849	Has knowledge of at least the use and functionality of the Canon camera and

Name	Address	Patent	Reason
			video camera products, including but not limited to the PowerShot S100 Digital Elph, PowerShot S110 Digital ELPH, PowerShot A10, PowerShot A20, PowerShot G1, PowerShot G2, PowerShot S30, PowerShot S40, ES190, ES290, ES50, ES55, ELURA, GL1, OPTURA Pi, OPTURA, ULTURA, VISTURA, XL1, ZR, and ZR10 products.
Microsoft representative	One Microsoft Way Redmond, WA 98052	283, 772, 849, 006, 214	Has knowledge of at least the use and functionality of Microsoft software products, including Microsoft Windows.
Panasonic representative	One Panasonic Way Panazip 1E-6 Secaucus, NJ 07094	849	Has knowledge of at least the use and functionality of the Panasonic prior art products, including but not limited to the PV-DC3000, PV-DC3000-A, PV-SD5000, PV-L750, PV-L85, PV-L550, PV-L650, PV-DC3000, PV-SD5000, PV-DV90, PV-DV100, PV-DV200, PV-DV400, PV-DV600, PV-DV800, AG-EZ30UP, PV-DV950, PV-209, AG-456UP, PV-V4525S, CT-27G, and CT-32D31E products.
Cyberlink representative	4800 Great America Pkwy, Ste. 515 Santa Clara, CA 95054	849	Has knowledge of at least the use and functionality of the PowerDVD prior art software product.
RealNetworks	11600 Sunrise Valley Dr #	849	Has knowledge of at least

Name	Address	Patent	Reason
respresentative	200 Reston, VA		the use and functionality of the RealPlayer prior art software product.
Nintendo representative	4600 150th Ave NE Redmond, WA 98052	849, 006	Has knowledge of at least the use and functionality of the Nintendo gaming systems, including but not limited to Nintendo 64, Game Boy video game devices.
JVC representative	1700 Valley Road Wayne, NJ 07470-8498	849	Has knowledge of at least the use and functionality of the prior art JVC products, including but not limited to GR-DVA1, GR-DVL500, GR-DVL300, GR-DVL600, GR-DVL500, GR-DVL400, GR-DVL300, GR-DVL805, GR-DVL505, GR-DVL9500, GR-DVM50, GR-DVM70, GR-DVM90, GR-DVL9500, GR-DVA1, XV-M512SL, XV-N5SL, XV-NA7SL, HR-J448EE, HR-J249EE, HR-J248EE, HR-J245EE, HR-J458EE, HR-J258EE, HR-J255EE, AV-36D501, AV-36D201, AV-32D501, AV-32D201, AV-27D501, and AV-27D201 products.
Kodak representative	343 State Street Rochester, NY 14650-0001	849	Has knowledge of at least the use and functionality of the Kodak prior art products, including but not limited to the Kodak DX3500, DX3600, DX3215 , DX3700, and DX3900 camera products.
NEC representative	355 Earhart Way Livermore, CA 94551	849	Has knowledge of at least the use and functionality

Name	Address	Patent	Reason
			of the NEC portable notebook products identified herein.
Hitachi representative	2000 Sierra Point Pkwy. Brisbane, CA 94005	849	Has knowledge of at least the use and functionality of Hitachi VCR products identified herein.
Toshiba representative	9740 Irvine Boulevard Irvine, CA 92618-1697	849, 283, 772	Has knowledge of at least the use and functionality of the Toshiba prior art products, including but not limited to PDR-M11, PDR-M21, PDR-M25, PDR-M61, PDR-M65, PDR-M71, PDR-M81, SD-1800, SD-310V, SD-1600, SD-100X, SD-1700, SD-1750, SD-2050, 43H70, 55H70, 61H70, TW56X81, and TW65X81 products.
Brah Hochberg	7042 Windward Ct. San Jose, CA 95135	849	Has knowledge of at least the use of the Tivo digital recorder product.
Todd Stellanova	27-341 Kaapoko Hmstd Rd Papaikou HI 96781	214, 414, 849, 006, 283, 772	Has knowledge of at least the use of the NetHopper browser.
Howard Griffith	11440 West Bernardo Court, Suite 300 San Diego, CA 92127	214, 414, 849, 006, 283, 772	Has knowledge of at least the use of the ETE Communicator product.
Sam Lipoff	Contact through Fish & Richardson P.C.	214	Has knowledge of at least the use and functionality of the prior art Proxiweb, Palmscape, AvantGo, PowerBrowser, and HandWeb browsers.
Wayne Yurtin	892 Vista Del Roble Place San Jose, CA 95120	214, 414, 849, 006, 283, 772	Has knowledge of at least the use of the Newton OS, Top Gun Wingman browser, Digital Ocean Seahorse, Digital Ocean Tarpon, and NetHopper browser.

Name	Address	Patent	Reason
Barney Dewey	Contact through Fish & Richardson P.C.	214, 414, 849, 006, 283, 772	Has knowledge on the use of the Newton OS, Apple Messagepad products, and NetHopper browser.
Chris Gulker	San Francisco Bay Area, CA	214, 414, 849, 006, 283, 772	Has knowledge of at least the use of the Newton OS, eMate 300, and NetHopper browser.
Current or Former Virgin Interactive Employee / Representative	TBD	006	Has knowledge of the Command and Conquer video game.
Current or Former Westwood Studios Employee / Representative.	TBD	006	Has knowledge of the Command and Conquer video game.
Current or Former Proxiweb User / Employee / Representative	TBD	214	Has knowledge of at least the use and functionality of the Proxiweb browser.
Current or Former AvantGo User / Employee / Representative	TBD	214	Has knowledge of at least the use and functionality of the AvantGo browser.
Current or Former Palmscape User / Employee / Representative	TBD	214	Has knowledge of at least the use and functionality of the Palmscape browser.
Current or Former Microware User / Employee / Representative	TBD	214	Has knowledge of at least the use and functionality of the Microware browser.
Current or Former Geowork User / Employee / Representative	TBD	214	Has knowledge of at least at least the use and functionality of the Geowork browser.
Intel Corporation Representative	2200 Mission College Blvd. Santa Clara, CA 95054	414	Has knowledge of at least the design and development of the Strong-Arm processor.
Texas Instruments Representative	12500 TI Boulevard Dallas, Texas 75243	414	Has knowledge of at least the design and development of the

Name	Address	Patent	Reason
			OMAP processor.
International Business Machines Corporation (IBM) Representative	1 New Orchard Road Armonk, New York 10504-1722	414, 849, 283, 006, and 772	Has knowledge of at least the design and development of the Simon product
Kyocera Communications, Inc (Kyocera) Representative	9520 Towne Centre Drive San Diego, CA 92121	414, 214, 006, 849, 283, 772	Has knowledge of at least the design and development of Kyocera telephone products, including the QCP-6035 product line.
Nokia, Inc. (Nokia) Representative	102 Corporate Park Drive White Plains, NY 10604	414, 214, 006, 849, 283, 772	Has knowledge of at least the design and development of Nokia telephone products, including the Communicator product line.
Qualcomm Incorporated (Qualcomm) Representative	5775 Morehouse Drive San Diego, CA 92121	414, 214, 006, 849	Has knowledge of at least the design and development of the PDQ product line.
Hewlett-Packard Company (HP) Representative	3000 Hanover Street Palo Alto, CA 94304-1185	414, 849, 283, 772	Has knowledge of at least the design and development of several HP/Palm/Handspring products, including the Visor Phone, Treo, and Palm Pilot, PhotoSmart 215 and 715, and HP Jornada 720 products.
Sony Ericsson Mobile Communications AB (Ericsson) Representative	Nya Vattentornet, 221 88 Lund, Sweden	414, 283, 772, 214, 849	Has knowledge of at least the design and development of several products, including the R380 smartphone and ROK 101 008 Bluetooth Module.
CSR Representative	Churchill House, Cambridge Business Park Cowley Road, Cambridge, CB4 0WZ, UK	414	Has knowledge of at least the design and development of the BlueCore™ product and other Bluetooth product.

Name	Address	Patent	Reason
Michael J. Geile	TBD	944, 219	Has knowledge of at least OFDM based devices developed by Nova Engineering.
Harold Roberts	TBD	944, 219	Has knowledge of at least OFDM-based devices developed by Nova Engineering.
Nicholas Lodge	4 The Pound Cottages Broughton, Stockbridge, Hants SO20 8BT United Kingdom	944, 219	Has knowledge of at least OFDM-based transmitters.
Paul H. Moose	3 Woodside Place Carmel Valley, CA 93924	944, 219	Has knowledge of at least OFDM-based transceivers.
Leonard J. Cimini	University of Delaware 306 Evans Hall Newark, DE 19716	944, 219	Has knowledge of at least OFDM-based transceivers.
Stephen B. Weinstein	150 West End Ave. Apt. 29F New York, NY 10023	944, 219	Has knowledge of at least OFDM-based transceivers.
Dirk Hartogs	P.O. Box 40 Morgan Hill, CA 95038	944, 219	Has knowledge of at least OFDM-based transceivers.
ADC Telecommunications Inc. Representative	TBD	944, 219	Has knowledge of at least OFDM-based devices developed by ADC Telecommunications Inc. and/or Nova Engineering.
Nova Engineering Representative	TBD	944, 219	Has knowledge of at least OFDM-based devices developed by Nova Engineering.
Karl Townsend	176 Osage Ave. Los Altos, CA 94022-3807	414	Has knowledge on at least the design, use and functionality of Handspring and Palm products including, at least, the Visor Phone and Treo
Jeff Miller	NetLogic Microsystems, Inc. 12365-B Riata Trace Parkway Bldg 8 Ste. 250	414	Has knowledge on at least the design, use and functionality of the Intel StrongARM product

Name	Address	Patent	Reason
	Austin, TX 78727		
Peter Cumming	NVIDIA 2520 The Quadrant Aztec West Bristol BS32 4AQ United Kingdom	414	Has knowledge on at least the design, use and functionality of the Texas Instruments OMAP product

In addition to the materials listed above, Apple may rely on persons identified as a prior inventor/having prior knowledge of/having previously used or offered for sale the invention of the patents-in-suit pursuant to outstanding third-party subpoenas issued in this investigation, including the following:

- Person or persons identified by HTC in this investigation;
- Person or persons identified by ADC Telecommunications, Inc. pursuant to subpoena dated November 1, 2011;
- Person or persons identified by Ericsson, Inc. dated November 1, 2011;
- Person or persons identified by International Business Machines Corporation pursuant to subpoena dated November 1, 2011;
- Person or persons identified by Kyocera Communications, Inc. pursuant to subpoena dated November 1, 2011;
- Person or persons identified by Nokia, Inc. pursuant to subpoena dated November 1, 2011;
- Person or persons identified by Qualcomm Incorporated pursuant to subpoena dated November 1, 2011;
- Person or persons identified by Sony Electronics, Inc. pursuant to subpoena dated November 1, 2011;
- Person or persons identified by ACCESS Systems Americas, Inc. pursuant to subpoena dated November 15, 2011;
- Person or persons identified by Openwave Systems Inc. pursuant to subpoena dated November 15, 2011;

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- Person or persons identified by L-3 Communications Nova Engineering, Inc. pursuant to subpoena dated November 15, 2011;
- Person or persons identified by Texas Instruments Incorporated pursuant to subpoena dated November 21, 2011;
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- Person or persons identified by Mitsubishi Electric & Electronics USA, Inc. pursuant to subpoena applied for/dated on January 17, 2012;
- Person or persons identified by Mitsubishi Electric Visual Solutions America, Inc. pursuant to subpoena applied for/dated on January 17, 2012;
- Person or persons identified by JVC Americas Corp., Inc. pursuant to subpoena applied for/dated on January 17, 2012;
- Person or persons identified by Eastman Kodak Corporation pursuant to subpoena applied for/dated on January 17, 2012;
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- Person or persons identified by Toshiba America, Inc. pursuant to subpoena applied for/dated on January 17, 2012;
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- Person or persons identified by WMS Gaming Inc. pursuant to subpoena applied for/dated on January 18, 2012;
- Person or persons identified by Hitachi America, Ltd. pursuant to subpoena applied for/dated on January 18, 2012;
- Person or persons identified by Tivo Inc. pursuant to subpoena applied for/dated on January 18, 2012;
- Person or persons identified by Hewlett-Packard Company pursuant to subpoena applied for/dated on January 18, 2012;
- Person or persons identified by NEC Corporation of America pursuant to subpoena applied for/dated on January 18, 2012.

Respectfully submitted,

FISH & RICHARDSON P.C.

Dated: January 18, 2012

By: /s/ Ralph A. Phillips

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Attorneys for Respondent Apple Inc.

CERTIFICATE OF SERVICE

I hereby certify that true and correct copies of the foregoing document**,**

RESPONDENT'S NOTICE OF PRIOR ART,

have been served on this 18th day of January, 2012, on the following:

Honorable James R. Holbein Secretary U.S. International Trade Commission 500 E Street, S.W. Washington, D.C. 20436	☐ **Via First Class Mail** ☐ **Via Hand Delivery** ☐ **Via Federal Express** ☒ **Via Electronic Filing**
The Honorable Thomas B. Pender Administrative Law Judge U.S. International Trade Commission 500 E Street, S.W., Room 317 Washington, D.C. 20436 gregory.moldafsky@usitc.gov	☐ **Via First Class Mail** ☒ **Via Hand Delivery** ☐ **Via Federal Express** ☒ **Via Electronic Mail**
R. Whitney Winston, Esq. Office of Unfair Import Investigations U.S. International Trade Commission 500 E Street, S.W., Room 401 Washington, D.C. 20436	☐ **Via First Class Mail** ☒ **Via Hand Delivery** ☐ **Via Federal Express** ☒ **Via Electronic Mail**
Thomas L. Jarvis, Esq Finnegan, Henderson, Farabow, Garrett & Dunner LLP 901 New York Ave, N. W. Washington, DC 20001	☐ **Via First Class Mail** ☒ **Via Hand Delivery** ☐ **Via Federal Express** ☒ **Via Electronic Mail**

Adjoa K. Afful